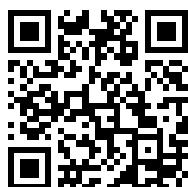

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DEPARTMENT OF COMMERCE
U.S. BUREAU OF NAVIGATION
RADIO SERVICE

COMMERCIAL AND GOVERNMENT
RADIO STATIONS OF THE
UNITED STATES

EDITION JUNE 30, 1920



WASHINGTON
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1920

Additional copies of this publication may be procured from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 15 cents per copy.

Copies of other publications of the Radio Service, Department of Commerce, may also be procured from the Superintendent of Documents, as follows: Radio Communication Laws and Regulations, 15 cents each; Radio Service Bulletin (issued monthly), containing amendments to or changes in radio laws and regulations and items of general interest concerning their enforcement, with latest information concerning all radio stations, except amateur, 5 cents each or 25 cents per year.

CONTENTS.

	Page.
Notes.....	4
Radio stations of the United States.....	5
Introduction.....	5
Commercial land radio stations, alphabetically by names of stations.....	9
Commercial ship radio stations, alphabetically by names of vessels.....	11
Commercial land and ship radio stations, alphabetically by call signals.....	53
Government land radio stations, alphabetically by names of stations.....	72
Government ship radio stations, alphabetically by names of vessels.....	77
Government land and ship radio stations, alphabetically by call signals	83
Special land stations, alphabetically by names of stations.....	93
Special land stations, grouped by districts.....	96
Radio compass station instructions.....	98
Radio compass stations on Atlantic and Pacific coasts, alphabetically by names of stations.....	101
Radio compass stations on Atlantic and Pacific coasts, alphabetically by call signals.....	102
Appendix.....	103
Transmission of hydrographic information, weather reports, and time signals by naval radio stations.....	103
International Morse code and conventional signals.....	108
List of abbreviations to be used in radio communication.....	109

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NOTES.

Supplements, under the title "Radio Service Bulletin," are issued monthly and distributed to the United States officers engaged in or concerned with the enforcement of the radio laws for their guidance and instruction, and to those concerned with the operation of Government and commercial radio stations for their information.

Amendments to or changes in the Radio Laws and Regulations of the United States are printed in this bulletin in such a manner that they may be clipped and pasted in their proper places in that publication.

Items of general interest concerning the enforcement of the radio laws are printed in the bulletin from time to time, as occasion warrants.

Copies of this bulletin may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents per copy or 25 cents per year.

Underscoring of normal wave length is indicated by the use of italics.

ABBREVIATIONS USED IN THIS LIST.

Nature of service:

PG=General public.

PR=Limited public.

P=Private (limited commercial and special).

O=Government business exclusively.

Hours of operation:

N=Continuous service.

X=No regular hours.

Vessel owners:

U. S. S. B.=United States Shipping Board.

Radio companies:

C. & W. R. C.=Cutting & Washington Radio Corporation.

F. T. Co.=Federal Telegraph Co.

I. R. T. Co.=International Radio Telegraph Co.

I. W. T. Co.=Independent Wireless Telegraph Co.

R. C. of A.=Radio Corporation of America.

S. O. R. S.=Ship Owners Radio Service.

T. R. T. Co.=Tropical Radio Telegraph Co.

Classification:

b=Ship station.

c=Land station.

DF=Direction-finding service only, general public, no charges.

COMMERCIAL AND GOVERNMENT RADIO STATIONS OF THE UNITED STATES.

INTRODUCTION.

This list, including land and ship stations, is published in accordance with section 1 of an act of Congress entitled "An act to regulate radio communication," approved August 13, 1912.

This publication contains a complete list of the commercial and Government land and ship stations, technical and training stations, experimental stations, and special amateur stations. A complete list of Amateur Radio Stations of the United States is printed separately, copies of which are available only from the Superintendent of Documents, Government Printing Office, Washington, D. C., at a nominal price.

The following instructions concerning radio call letters are issued for the information of those concerned:

1. Section 7 of the act of August 13, 1912, to regulate radio communication provides:

SEC. 7. That a person, company, or corporation within the jurisdiction of the United States shall not knowingly utter or transmit, or cause to be uttered or transmitted, any false or fraudulent distress signal or call or false or fraudulent signal, call, or other radiogram of any kind. The penalty for so uttering or transmitting a false or fraudulent distress signal or call shall be a fine of not more than two thousand five hundred dollars or imprisonment for not more than five years, or both, in the discretion of the court, for each and every such offense, and the penalty for so uttering or transmitting, or causing to be uttered or transmitted, any other false or fraudulent signal, call, or other radiogram shall be a fine of not more than one thousand dollars or imprisonment for not more than two years, or both, in the discretion of the court, for each and every such offense.

2. The Service Regulations of the International Radiotelegraphic Conventions provide that the call letters of stations in the international system must each be formed of a group of three letters which shall be distinguishable from one another. The London International Radiotelegraphic Conference made a partial allotment of call letters among nations which signed the convention, and the International Bureau at Berne, with the consent of such nations, has modified and added to this assignment of call letters by circulars April 1, 1914, and August 1, 1915. The distribution of call letters among nations thus authorized is printed as follows for the guidance of operators of all stations (ship and shore) of the United States:

A.....	See Note A.	ONA to OTZ..Belgium and colonies.
B ¹	Great Britain.	OUA to OZZ..Denmark.
CAA to CEZ..	Chile.	PAA to PIZ..Netherlands.
CFA to CKZ..	Great Britain and protectorates.	PJA to PJM..Curaçao (Dutch).
CLA to CMZ..	Spain.	PJN to PJZ..Surinam (Dutch).
CNA to CNZ..	Morocco.	PKA to PMZ..Dutch East Indies.
COA to COZ..	Great Britain.	PNA to PPZ..Brazil.
CPA to CPZ..	Bolivia.	PQA to PQZ..Portugal.
CQA to CQZ..	Monaco.	PTA to PVZ..Brazil.
CRA to CUZ..	Portugal and possessions.	PWA to PZZ..Netherlands.
CVA to CVZ..	Roumania.	Q.....Reserved for code abbreviations.
CWA to CWZ..	Uruguay.	R.....Russia.
CXA to CXZ..	Spain.	SAA to SMZ..Sweden.
CYA to CZZ..	Mexico.	SNA to STZ..Brazil.
D.....	See Note A.	SUA to SUZ..Egypt.
EAA to EHZ..	Spain and colonies.	SVA to SZZ..Greece.
EIA to EZZ..	Great Britain.	TAA to TMZ..See Note A.
F.....	France and colonies.	TNA to TZ..See Note A.
G.....	Great Britain.	UAA to UMZ..France and colonies.
HAA to HFZ..	See Note A.	UNA to UNZ..Bosnia-Herzegovina.
HGA to HHZ..	Siam.	UOA to UZZ..See Note A.
HIA to HIZ..	Dominican Republic.	VAA to VGZ..Canada (British).
HJA to HKZ..	Republic of Colombia.	VHA to VKZ..Australian Federation (British).
HLA to HNU..	Spain.	VLA to VMZ..New Zealand (British).
HNV to HNZ..	New Hebrides.	VNA to VN..South African Union (British).
HOA to HZZ..	France and colonies.	VOA to VOZ..Newfoundland (British).
I.....	Italy and colonies.	VPA to VSZ..British colonies not autonomous.
J.....	Japan and colonies.	VTA to VWZ..British India.
KAA to KCZ..	See Note A.	VXA to VZZ..Colonies and protectorates of Great Britain.
KDA to KZZ..	United States.	W.....United States.
LAA to LHZ..	Norway.	XAA to XDZ..Mexico.
LIA to LRZ..	Argentine Republic.	XEA to XMZ..Great Britain.
LSA to LUZ..	Great Britain.	XNA to XSZ..China.
LVA to LVZ..	Guatemala.	XTA to XZZ..Great Britain.
LWA to LWZ..	Norway.	Y.....Great Britain.
LXA to LZZ..	See Note A.	Z.....Great Britain.
M.....	Great Britain.	
N.....	United States.	
OAA to OBZ..	Peru.	
OCA to OFZ..	Great Britain.	
OGA to OMZ..	See Note A.	

¹ The callletters BAA to BVC are no longer assigned to British vessels of war. Accordingly, all the calls from BAA to BVC may be canceled. The call letter BXZ henceforth designates any vessel of the British Navy whatsoever.

NOTE A.—The calls beginning with A, with D, from KAA to KCZ, and from TNA to TZ.. were reserved for Germany and possessions and are subject to change involved in results of the Versailles Treaty of Peace. The same applies to calls from HAA to HFC assigned to Hungary, LXA to LZZ to Bulgaria, OGA to OMZ to Austria, TAA to TMZ to Turkey, UOA to UZZ to Austria-Hungary.

PUBLIC-SERVICE STATIONS.

3. The call letters assigned to the United States are all three and four letter combinations beginning with the letter N and all beginning with the letter W, and all combinations from KDA to KZZ,

inclusive. The international call letters assigned to the United States are reserved for Government stations and stations open to public and limited commercial service.

(a) All combinations beginning with the letter N are reserved for Government stations, and, in addition, the combinations from WUA to WVZ and WXA to WZZ are reserved for stations of the United States Army.

(b) During the war the combinations of three letters beginning with K, W, and N were exhausted, and it was necessary to assign combinations of four letters beginning with K, W, and N. Operators should be careful in transmitting call letters to avoid confusion between the three and the four letter combinations.

LIMITED COMMERCIAL STATIONS.

4. Call letters for limited commercial land and ship stations are allotted by the Bureau of Navigation.

RADIO STATIONS OF THE WORLD.

5. The International List of Radio Stations of the World (edition in English) can be procured from the International Bureau of the Telegraphic Union (Radiotelegraphic Service), Berne, Switzerland. In addition to the information contained in the list of the United States stations, published by the Bureau of Navigation, the international list shows geographical locations, normal ranges in nautical miles, radio systems, and rates. The international list includes the Government and commercial land and ship stations of the United States. The list is divided into three sections. The first section contains a list of coast stations grouped by countries and arranged alphabetically; the second section contains a list of ship stations arranged in the same manner; and the third part contains tables of land line and cable charges from coast radio stations to inland and various other points. In computing the total word rate applicable to a radiogram from a ship station to an inland point, or vice versa, the three rates must be added. The rates in the international list are stated in francs and centimes. Supplements to the international list will be issued monthly, and will contain new stations and tables of alterations. A copy of the international list should be in every land and ship station open to commercial business as the official tariff book, and a copy of this list is required as a part of the equipment of every land station open to general public service and every ship station of the first or second class on American vessels engaged in foreign trade or the transoceanic service. The international alphabetical list of call letters (stations of the world) is also issued by the International

Bureau at Berne, and supplements are issued monthly. Inquiries as to the subscription prices of these lists should be made direct to the Berne bureau at the address given above. Remittances to Berne should be made by international postal money orders.

E. T. CHAMBERLAIN,
Commissioner of Navigation.

Approved:

EDWIN F. SWEET,
Acting Secretary of Commerce.

COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Akutan, Alaska.....	KMW	300, 450, 600	PR	X	North Pacific Sea Products Co.
Alitak, Alaska.....	KYL	300, 500, 600	PR	X	Alaska Packers Assn.
Avalon, Calif.....	KUXV				Pacific Telep. & Teleg. Co.
Babylon, N. Y. <i>See</i> New York, N. Y.					
Becharof, Alaska.....	KUDV	150, 300, 600	PR	X	Alaska Packers Assn.
Belmar, N. J. <i>See</i> New Brunswick, N. J.					
Bolinas, Calif.....	KET	6700	PR	N	Radio Corp. of America.
Boston, Mass.....	WBF	300, 600	PG	N	Tropical Radio Teleg. Co.
Bristol Bay, Alaska. <i>See</i> Metha Nelson.					
Brooklyn, N. Y.....	WCG	300, 600	PG	N	International Radio Teleg. Co.
Burrwood, La.....	WBW	300, 600, 2200	PG	X	Tropical Radio Teleg. Co.
Butte, Mont.....	KMN	550, 1700	PR	X	Great Falls Power Co.
Cape Edwards, Alaska.....	KEY	300, 550, 600	PR	X	Deep Sea Salmon Co.
Chatham, Mass. <i>See</i> Marion, Mass.					
Cheboygan, Mich.....	KUXM	300, 450, 600	PR	X	Warren W. Kathan.
Chicago, Ill.....	WGO	300, 600, 2000	PR	(¹)	Inter-City Radio Co.
Chichagof, Alaska.....	KWW	300, 550, 600	PR	X	Joseph T. Bauer.
Chignik, Alaska.....	KHC	300, 600, 1610	PR	X	Alaska Packers Assn.
Chisik Island, Alaska.....	KUCP				Surf Packing Co.
Clarks Point, Alaska.....	KHG	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Cleveland, Ohio.....	WCX		PR		Inter-City Radio Co.
Crocker Building. <i>See</i> San Francisco, Calif.					
Dallas, Tex.....	KUXP	300, 425, 600, 1650	PR	N	Continental Radio Teleg. & Telep. Co.
Detroit, Mich.....	WDR		PR		Inter-City Radio Co.
Egegik, Alaska.....	KMF	300, 550, 600	PR	X	Libby, McNeill & Libby.
Ekuk, Alaska.....	KMG	300, 500, 600	PR	X	Libby, McNeill & Libby.
Ensenada, P. R.....	WPR	300, 600, 1610	PG	X	Guanaica Centrale.
Fairport, Va.....	KDAH				C. E. Davis Packing Co.
False Pass, Alaska.....	KJL	300, 550, 600, 1700	PR	X	Sockeye Salmon Co.
Funter, Alaska.....	KXK	300, 550, 600	PR	X	Thinket Packing Co.
Great Falls, Mont. (Rainbow).....	KLQ	550, 1700	PR	X	Great Falls Power Co.
Hawk Inlet, Alaska.....	KKAI	300, 550, 600	PR	X	P. E. Harris & Co.
Hog Island, Pa.....	KDAB		P	X	American International Shipping Corp.
Ikatan, Alaska.....	KXW	300, 450, 600	PR	X	Pacific American Fisheries.
Johnswood, Mich.....	KUVQ	300, 450, 600	PR	X	Kreetan Co.
Jordan, Mont.....	KUVR	500	PR	(²)	Miles City-Jordan Wireless Co.
Jualin, Alaska.....	KJA	300, 600, 1980	PG	X	Jualin Alaska Mines Co.
Kahuku, Hawaii.....	KIE	9000	PG	N	Radio Corp. of America.
Karluk, Alaska.....	KYK	150, 300, 600	PR	X	Alaska Packers Assn.
Kaunakakai, Hawaii.....	KHO	300, 400, 600	PR	(³)	Mutual Telephone Co.
Kawaihae, Hawaii.....	KHN	300, 500, 600	PR	(⁴)	Mutual Telephone Co.
King Cove, Alaska.....	KJK	300, 450, 600, 1610	PG	X	Pacific-American Fisheries Co.
Koggiung, Alaska (moored vessel).....	KUBX	150, 300, 600	PR	N	Alaska Packers Assn.
Koggiung, Alaska.....	KVV	300, 450, 600, 1610	PR	(⁵)	Libby, McNeill & Libby.
Koko Head, Hawaii. <i>See</i> Kahuku.					
Kussilof, Alaska.....	KKAO	525, 600, 1610	PR	X	Alaska Packers Assn.
Kvichak, Alaska.....	KHB	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Kwiguk Slough, Alaska.....	KOV	550, 600, 1610	PR	X	Carlisle Packing Co.
Lahaina, Hawaii.....	KHL	300, 500, 600	PR	(⁵)	Mutual Telephone Co.
Latouche, Alaska.....	KIM	300, 600, 1650	PG	(⁶)	Kennecott Copper Corp.

¹ Operates from 8.30 a. m. to 5 p. m.

² Operates from 8 a. m. to 6 p. m.

³ Operates from 7 a. m. to 5.30 p. m.

⁴ Operates from 7 a. m. to 12 p. m.

⁵ Operates from 6.30 to 9.30 p. m.

⁶ Operates from 1 to 5 p. m. week days; 11 a. m.

to 12 noon Sundays.

10 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Lazy Bay, Alaska.....	KEPS	300,600,1650	PR	X	Alitak Packing Co.
Libbyville, Alaska.....	KMT	300,600,1700, 2200	PR	X	Libby, McNeill & Libby.
Lihue, Hawaii.....	KHM	300,500,600	PR	(1)	Mutual Telephone Co.
Lockanok, Alaska.....	KML	300,550,600, 1650	PR	X	Libby, McNeill & Libby.
Long Beach, Calif.....	KUXT				Pacific Telep. & Teleg. Co.
Lost Harbor, Alaska.....	KWS	300,600	PR	X	Alaska Sulphur Co.
Marion, Mass.....	WSO	12000	PR	N	Radio Corp. of America.
Marshall, Alaska.....	KIS	300,550,600, 1650	PR	(2)	John C. Currin.
Marshall, Calif. <i>See</i> Bolinas, Calif.	KMP	250,300,525, 600	PR	X	Alaska Packers Assn.
Metha Nelson (moored schooner).....					
Miles City, Mont.....	KUXN	500	PR	(3)	Miles City-Jordan Wireless Co.
Nakat Inlet, Alaska.....	KDW	300,525,600, 1700,2000	PR	X	G. W. Hume & Co.
Naknek, Alaska.....	KHT	300,600,1610	PR	X	Alaska Packers Assn.
Naknek, Alaska.....	KMK	300,500,600	PR	X	Naknek Packing Co.
Nelson Lagoon, Alaska.....	KXV	300,450,600	PR	X	Pacific American Fisheries Co.
New Brunswick, N. J.....	WII	13600	PR	N	Radio Corp. of America.
New London, Conn.....	WLC	300,600	PG	N	International Radio Teleg. Co.
New Orleans, La.....	WNU	300,600,2200	PG	N	Tropical Radio Teleg. Co.
Newport, R. I.....	WCI	300,600	PG	X	International Radio Teleg. Co.
New York, N. Y.....	WHB	300,600	PG	X	E. J. Simon.
New York, N. Y.....	WNY	300,450,600	PG	X	Radio Corp. of America.
New York, N. Y.....	WSE	300,450,600	PG	N	Independent Wireless Teleg. Co.
New York, N. Y.....	WHI	300,600,1700	PR	(4)	John Wanamaker.
Nushagak, Alaska.....	KKAE				Libby, McNeill & Libby.
Ogden, Utah.....	KUPQ	200,425	PR	X	Ogden - Portland Cement Co.
Philadelphia, Pa.....	WHE	300,600,1700	PR	(4)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	150,300,600	PR	X	Alaska Packers Assn.
Pirate Cove, Alaska.....	KOZN	300,600,1650	PR	(5)	Union Fish Co.
Port Althorp, Alaska.....	KLW	300,450,525, 600	PR	X	Deep Sea Salmon Co.
Port Beauclaire, Alaska.....	KWO	300,550,600	PR	X	Beauclaire Packing Co.
Port Chatham, Alaska.....	KWH				Alaska Ocean Food Co.
Port Moller, Alaska.....	KWR	300,450,600, 1610	PR	(6)	Pacific American Fisheries Co.
Port Walter, Alaska.....	KEQ	300,500,525, 600	PR	X	Alaska Herring & Sardine Co.
Saltchuck, Alaska.....	KWQ	300,550,600	PR	X	Saltchuck Mining Co.
Snag Point, Alaska.....	KHF	300,400,500, 600	PR	X	Alaska Packers Assn.
Sulzer, Alaska.....	KKAA	300,550,600	PR	X	Charles A. Sulzer.
Teller, Alaska.....	KWT		PR	X	Max R. Hirschberg.
Tenakee, Alaska.....	KOSC	300,550,600	PG	X	Columbia Salmon Co.
Thompson Falls, Mont.....	KLL	550,1700	PR	X	Thompson Falls Power Co.
Tuckerton, N. J.....	WGG	8000	PG	N	Radio Corp. of America.
Ugagak, Alaska. <i>See</i> Egegik, Alaska.					
Ugashik, Alaska.....	KMU	300,500,600	PR	X	Red Salmon Canning Co.
Unga Island, Alaska.....	KVI	300,600,1650	PR	X	Alaska Codfish Co.
Uyak, Alaska.....	KHA	300,600,1610	PR	X	Alaska Packers Assn.
Wahiaia, Hawaii.....	KHK	300,550,600	PG	N	Mutual Telephone Co.
Washington Bay, Alaska.....	KQS	300,450,525, 600	PR	X	Petersburg Packing Co.
Wichita Falls, Tex.....	KUXQ	1750	PR	N	Continental Radio Teleg. & Telep. Co.
Yakutat, Alaska.....	KKA	300,550,600	PR	X	Libby, McNeill & Libby.

¹ Operates from 7 a. m. to 5.30 p. m.² Operates from 9 a. m. to 7 p. m.³ Operates from 8 a. m. to 6 p. m.⁴ Operates from 9 a. m. to 5 p. m.⁵ Operates from 9 to 11 a. m. and 6 to 12 p. m.⁶ Operates from 6.30 to 9.30 p. m.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Abangarez.....	KDI	300,600	PG	United Fruit Co.....	T. R. T. Co.
Abbeville.....	KLN	300,600	PG	U. S. S. B.....	S. O. R. S.
Abercos.....	KOVR	300,600	PG	.....do.....	Do.
Aberdeen.....	WXXI	300,600	PG	.....do.....	Do.
Ablanset.....	KIXF	300,600	PG	.....do.....	I. W. T. Co.
Abner Coburn.....	WHR	300,450,600, 1,800	PG	Libby, McNeill & Libby.	S. O. R. S.
Abraham Lincoln.....	KIXS	300,600	PG	U. S. S. B.....	Do.
Abron.....	KEBD	300,600	PG	.....do.....	R. C. of A.
Absaroka.....	WKW	300,600	PG	.....do.....	Do.
Absecon.....	KSEA	300,600	PG	.....do.....	I. W. T. Co.
A. C. Bedford.....	KNZ	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Accomac.....	KMOE	300,600	PG	U. S. S. B.....	S. O. R. S.
Achilles.....	KPT	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Acme.....	KIJ	300,600	PG	Standard Transporta- tion Co.	R. C. of A.
Acerema.....	KEDD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Aculeo.....	KEQQ	300,600	PG	.....do.....	S. O. R. S.
Addison.....	WBAU	300,600	PG	.....do.....	Do.
Admiral Dewey.....	WAY	300,600	PG	Pacific S. S. Co.....	Do.
Admiral Evans.....	KICZ	300,600	PG	.....do.....	Do.
Admiral Farragut.....	WAF	300,450,515, 600	PG	.....do.....	Do.
Admiral Goodrich.....	WRJ	300,440,520, 600	PG	.....do.....	Do.
Admiral Mayo.....	WZIO	300,440,525, 600	PG	Pacific-Alaska Navi- gation Co.	Owner of vessel.
Admiral Nicholson.....	KMAA	300,450,600	PG	Pacific S. S. Co.....	S. O. R. S.
Admiral Rodman.....	WOA	300,600	PG	.....do.....	R. C. of A.
Admiral Schley.....	WAZ	300,600	PG	.....do.....	S. O. R. S.
Admiral Sebree.....	WAG	300,600	PG	Pacific-Alaska Navi- gation Co.	Do.
Admiral Sims.....	KXUO	300,440,525, 600	PG	.....do.....	Owner of vessel.
Admiral Wainwright.....	WSF	300,450,600	PG	Pacific S. S. Co.....	S. O. R. S.
Admiral Watson.....	WAW	300,450,525, 600	PG	.....do.....	Do.
Adria.....	KUSZ	300,450,600	PG	U. S. S. B.....	
Advance.....	KMV	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Adway.....	WBEA	300,600	PG	U. S. S. B.....	R. C. of A.
Aeolus.....	KOZC	300,600	PG	.....do.....	
A. E. R. Schneider.....	WFU1	300,450,600	PG	Morrow S. S. Co.....	C. & W. R. C.
Afalkay.....	WBEE	300,600	PG	U. S. S. B.....	R. C. of A.
Afel.....	KISQ	300,600	PG	.....do.....	Do.
Afoundria.....	KOMQ	300,600	PG	.....do.....	S. O. R. S.
Afrania.....	KLAI	300,600	PG	.....do.....	R. C. of A.
Agarista.....	KLUU	300,600	PG	.....do.....	I. W. T. Co.
Agawam.....	WNIE	300,600	PG	.....do.....	Do.
Agememnon.....	KOXQ	300,600	PG	.....do.....	
Agria.....	WQAI	300,600	PG	.....do.....	S. O. R. S.
Agron.....	KUVJ	300,600	PG	.....do.....	
Agwidale.....	WDOA	300,600	PG	Mallory S. S. Co.....	I. W. T. Co.
Agwistar.....	KEPG	300,600	PG	.....do.....	Do.
Agwisun.....	KDAD	300,600	PG	Atlantic, Gulf & West Indies S. S. Co.	
Agylla.....	KUXS	300,420,600	PG	National Oil Trans- port Co.	S. O. R. S.
Ahala.....	KECZ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Aiken.....	WMUU	300,600	PG	.....do.....	R. C. of A.
Aimwell.....	WVUO	300,600	PG	.....do.....	S. O. R. S.
Airlie.....	WBEI	300,600	PG	Nacirema S. S. Corp.	R. C. of A.
Ajax.....	KOJ1	300,600	PG	Alessandro Fabbri.....	
Alabama.....	WFB	300,600	PG	Goodrich Transit Co.	Do.
Alabama.....	WRAE	300,600	PG	Texas Co.....	I. W. T. Co.
Alabat.....	WSAO	300,600	PG	U. S. S. B.....	S. O. R. S.
Alameda.....	WAA	300,600	PG	Alaska S. S. Co.....	Do.
Alameda.....	KOBN	300,600	PG	U. S. S. B.....	Do.

12 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Alamo.....	KEJ	300,450,600	PG	Mallory S. S. Co.....	R. C. of A.
Alamosa.....	WLUI	300,600	PG	U. S. S. B.....	
Alanthus.....	WVEE	300,600	PG	.....do.....	Do.
Alapaha.....	WZAI	300,600	PG	.....do.....	Do.
Alaska.....	WWS	300,435,510, 600	PG	Alaska S. S. Co.....	S. O. R. S.
Alaskan.....	WKA	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Albatross.....	KELD	300,600	PR	Albatross Co.....	Do.
Alberta.....	KZA	300,600,1,800	PG	Fred G. Bourne.....	R. C. of A.
Alcis.....	KEPX	300,600	PG	U. S. S. B.....	S. O. R. S.
Alcona.....	WLNU	300,600	PG	.....do.....	Do.
Alderman.....	KIFF	300,600	PG	.....do.....	R. C. of A.
Alector.....	KEPZ	300,600	PG	.....do.....	I. W. T. Co.
Aledo.....	KEPL	300,600	PG	.....do.....	S. O. R. S.
Algonquin.....	KIZT	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.
Alicia.....	KZB	300,600	PG	Alfred I. Du Pont.....	Owner of vessel.
Allagash.....	KVX	300,450,525, 600	PG	American-Trans- atlantic Co.	S. O. R. S.
Allanhurst.....	WNOA	300,600	PG	U. S. S. B.....	
Allegheny.....	WRAI	300,600	PG	Great Lakes Transit Corp.	
Allentown.....	KVIU	300,600	PG	U. S. S. B.....	Do.
Alliance.....	KMA	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Alliance.....	WRV	300,600	PG	Gulf Mail S. S. Co.....	R. C. of A.
Allies.....	KQUA	300,600	PG	U. S. S. B.....	Do.
Allison.....	WTOA	300,600	PG	.....do.....	S. O. R. S.
Alloway.....	KTAA	300,600	PG	.....do.....	Do.
Aloha.....	KYH	300,450,600	PG	Arthur C. James.....	Owner of vessel.
Alpaco.....	WBII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Alpena.....	WCS	300,500,600	PG	Wyandotte Trans- portation Co.	R. C. of A.
Alta.....	KICX	300,450,600	PG	U. S. S. B.....	Do.
Alvada.....	WGEE	300,450,600	PG	.....do.....	S. O. R. S.
Ambridge.....	KIKQ	300,600	PG	.....do.....	I. W. T. Co.
A. M. Byers.....	WMY	300,600	PG	North-American S. S. Co.	R. C. of A.
Americross.....	KOVF	300,600	PG	U. S. S. B.....	Do.
Amelia.....	WRF	300,600	PG	Atlantic Fruit Co.....	Do.
American.....	WKF	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
American Press.....	KUDN	300,600	PG	U. S. S. B.....	R. C. of A.
American Star.....	KIPP	300,600	PG	.....do.....	Do.
Amolco.....	KMB	300,450,600	PG	Boston Molasses Co.....	Owner of vessel.
Amoron.....	WTOE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Ampetco.....	KMAU	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Amphion.....	WJS	300,600	PG	U. S. S. B.....	Do.
Anaconda.....	KOFD	300,450,600	PG	.....do.....	S. O. R. S.
Anacortes.....	KQOA	300,600	PG	.....do.....	I. W. T. Co.
Anahuac.....	KUZL	300,600	PG	.....do.....	
Ancon.....	KMS	300,450,600	PG	Panama R. R. Co.....	
Andalusia.....	WJA	300,600	PG	U. S. S. B.....	Owner of vessel.
Andra.....	WDEE	300,600	PG	.....do.....	S. O. R. S.
Andrea F. Luckenbach.....	KIFV	300,600	PG	Luckenbach S. S. Co.....	Do.
Andrew Jackson.....	KONQ	300,600	PG	U. S. S. B.....	Do.
Angeles.....	KUJB	300,450,600	PG	.....do.....	R. C. of A.
Angelina.....	KIFT	300,600	PG	.....do.....	I. W. T. Co.
Aniwa.....	KROE	300,600	PG	.....do.....	
Anna E. Morse.....	KUTD	300,600	PG	.....do.....	R. C. of A.
Ann Arbor No. 3.....	WDN	300,600	PG	Ann Arbor R. R. Co.....	Do.
Ann Arbor No. 4.....	WDO	300,600	PG	.....do.....	Do.
Ann Arbor No. 5.....	WDP	300,600	PG	Empire Trust Co.....	Do.
Ann Arbor No. 6.....	WDQ	300,600	PG	Ann Arbor Boat Co.....	Do.
Annetta.....	WRG	300,600	PG	Atlantic Fruit Co.....	Do.
Annette Rolph.....	KETZ	300,600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Anniston.....	KIDM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Anoka.....	KQEE	300,600	PG	.....do.....	
Anthera.....	WNUA	300,600	PG	.....do.....	R. C. of A.
Anthracite Bridge.....	KUKG	300,600	PG	.....do.....	Do.
Antietam.....	KONR	300,600	PG	.....do.....	Do.
Antilla.....	KWD	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Antonia.....	KOLD	300,600	PG	Madrigal & Co.....	
Anyoxy.....	WCJ	300,600	PG	Coastwise S. S. & Barge Co.	S. O. R. S.
Aowa.....	WRIA	300,600	PG	U. S. S. B.....	R. C. of A.
Apache.....	KVA	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Apache.....	KYY	300, 600	PG	Robert F. Herrick.....	
Apalachee.....	WSAE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Apex.....	KGUI	300, 575, 600	PG	Wilson Fisheries Co.....	Owner of vessel.
Aquackanock.....	KSAU				
Aquarius.....	KUSN	300, 600	PG	Nafra Co.....	
Aquilo.....	KOCJ	300, 425, 600	P	H. F. Alexander.....	Do.
Arado.....	WVUI	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Aragon.....	KUKB	300, 600	PG	The Aragon (Inc.).....	C. & W. R. C.
Arambi.....	KESF	300, 600	PG	U. S. S. B.....	S. O. R. S.
Aramis.....	WDZ	300, 450, 600	P	A. H. Marks.....	Owner of vessel.
Arapahoe.....	KVB	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Arcadia.....	WWD	300, 600	PG	U. S. S. B.....	S. O. R. S.
Archer.....	KXG	300, 600	PG	.....do.....	R. C. of A.
Arcturus.....	KURD	300, 600	PG	.....do.....	I. W. T. Co.
Ardena.....	KBEU	300, 600	PG	.....do.....	Do.
Ardmore.....	KIA	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Arenas.....	KIRM	300, 600	PG	U. S. S. B.....	
Argenta.....	KIKS	300, 600	PG	.....do.....	Do.
Argon.....	KUDD	300, 600	PG	Standard Transporta- tion Co.....	Do.
Argonne.....	KSIO	300, 450, 600	PG	Argonne S. S. Co.....	Do.
Argus.....	KUVF	300, 600	PG	Nafra Co.....	
Argyll.....	WTB	300, 600, 1800	PG	Union S. S. Co.....	F. T. Co.
Ario.....	KULM	300, 450, 600	PG	Standard Transporta- tion Co.....	R. C. of A.
Arizona.....	WFG	300, 600	PG	Goodrich Transit Co.....	Do.
Arizonan.....	WKB	300, 600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
Arizpa.....	KULN	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Arlington.....	KZY	300, 600	PG	New England Fuel & Transportation Co.....	R. C. of A.
Armenia.....	KYM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Artemis.....	WQS	300, 600	PG	.....do.....	Do.
Artigas.....	KURG	300, 600	PG	.....do.....	Do.
Artisan.....	KBOE	300, 600	PG	.....do.....	Do.
Arundel.....	KETQ	300, 600	PG	.....do.....	S. O. R. S.
Arvonia.....	WMOE	300, 600	PG	.....do.....	
Aryan.....	KOLB	300, 600	PG	.....do.....	I. W. T. Co.
Asabeth.....	KIXG	300, 600	PG	.....do.....	Do.
Ascutney.....	KYV	300, 600	PG	.....do.....	R. C. of A.
Ashbee.....	KIGZ	300, 600	PG	.....do.....	I. W. T. Co.
Ashburn.....	WBEO	300, 600	PG	.....do.....	R. C. of A.
Ashland County.....	KOMR	300, 450, 600	PG	.....do.....	S. O. R. S.
Ashtabula.....	WEZ	300, 600	PG	Pennsylvania & Ontario Navigation Co.....	R. C. of A.
Askawake.....	KETM	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Asotin.....	KILD	300, 600	PG	.....do.....	R. C. of A.
Aspenhill.....	KETR	300, 600	PG	.....do.....	S. O. R. S.
Aquam.....	KISV	300, 600	PG	.....do.....	R. C. of A.
Assunippi.....	KIPB	300, 600	PG	.....do.....	S. O. R. S.
Astmancho III.....	WGB	300, 600	PG	Astmancho No. 3 (Inc.)	Do.
Astmancho IV.....	WDF	300, 600	PG	Astmanhastco 4 (Inc.)	Do.
Astoria.....	KRIE	300, 600	PG	U. S. S. B.....	Do.
Astral.....	KIQ	300, 450, 600	PG	Standard Transporta- tion Co.....	R. C. of A.
Asuncion.....	WTX	300, 600	PG	Standard Oil Co. of Calif.	Do.
Atenas.....	KDK	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Atlantic Sun.....	KUMS	300, 600	PG	Sun Oil Co.....	R. C. of A.
Atlantus.....	KIGN	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Atlas.....	WTT	300, 450, 600	PG	Standard Oil Co. of Calif.	R. C. of A.
Auburn.....	WDOE	300, 450, 600	PG	U. S. S. B.....	Do.
Auditor.....	KOFF	300, 600	PG	.....do.....	S. O. R. S.
Aurora.....	WJAU	300, 600	PG	.....do.....	R. C. of A.
Ausable.....	WWP	300, 600	PG	American Transatlantic Co.....	S. O. R. S.
Avalon.....	KIZL	300, 600	PG	W. H. Wood.....	Owner of vessel.
Avalon.....	WFH	300, 600	PG	William Wrigley, jr.....	R. C. of A.
Avondale.....	KKAU	300, 600	PG	U. S. S. B.....	S. O. R. S.
Awensdaw.....	KEMC	300, 600	PG	.....do.....	Do.
Aztec.....	KZC	300, 600	PG	A. C. Burrage.....	R. C. of A.
Babooasic.....	KITC	300, 600	PG	U. S. S. B.....	Do.
Babinda.....	KODP	300, 600	PG	J. E. Chilberg.....	
Baccarat.....	KUSX	300, 600	PG	Independent S. S. Co.....	
Bacoi.....	KJU	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Baddacock.....	KUJD	300,600	PG	U. S. S. B.....	
Baganito.....	KGB	300,600	PG	.....do.....	S. O. R. S.
Bagoso.....	WSAU	300,600	PG	.....do.....	Do.
Bakersfield.....	KIZC	300,600	PG	.....do.....	I. W. T. Co.
Baladán.....	KVEU	300,475,600	PG	.....do.....	R. C. of A.
Balboa.....	WHU	300,600	PG	Colombian Maritime Co.	Do.
Balcatta.....	KOLM	300,600	PG	Pacific Motorship Co.	
Baldbutte.....	KISM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Baldhill.....	KOBV	300,600	PG	.....do.....	S. O. R. S.
Baldridge.....	KEQG	300,600	PG	.....do.....	R. C. of A.
Baldrock.....	KEQJ	300,600	PG	.....do.....	S. O. R. S.
Balino.....	WKUO	300,600	PG	.....do.....	Do.
Ballcamp.....	KENV	300,450,600	PG	.....do.....	R. C. of A.
Balleñas.....	KEMZ	300,600	PG	.....do.....	S. O. R. S.
Ballew.....	KENQ	300,600	PG	.....do.....	Do.
Balliett.....	KVIA	300,476,600	PG	.....do.....	R. C. of A.
Balosaro.....	KEDB	300,600	PG	.....do.....	I. W. T. Co.
Balsam.....	KIJC	300,600	PG	.....do.....	Do.
Balsto.....	WPAA	300,600	PG	.....do.....	Do.
Banago.....	WVEO	300,600	PG	.....do.....	Do.
Banaran.....	KENZ	300,600	PG	.....do.....	S. O. R. S.
Bancroft.....	KNOI	300,600	PG	.....do.....	I. W. T. Co.
Banicaa.....	KEQF	300,600	PG	.....do.....	Do.
Bannack.....	KIZQ	300,600	PG	.....do.....	Do.
Bantu.....	KLM	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Barabos.....	KPUU	300,600	PG	U. S. S. B.....	S. O. R. S.
Bar Harbor.....	KEFD	300,600	PG	.....do.....	I. W. T. Co.
Baribas.....	KERB	300,600	PG	.....do.....	S. O. R. S.
Barkhamstead.....	WLOU	300,600	PG	.....do.....	
Barlow.....	WLAE	300,600	PG	.....do.....	
Barrallton.....	KIDT	300,600	PG	.....do.....	I. W. T. Co.
Barranca.....	KIFR	300,600	PG	.....do.....	S. O. R. S.
Barrenfark.....	KIJD	300,600	PG	.....do.....	R. C. of A.
Barrington.....	KJIA	300,600	PG	.....do.....	Do.
Barryton.....	KIJF	300,600	PG	.....do.....	S. O. R. S.
Barstow.....	KIJR	300,600	PG	.....do.....	I. W. T. Co.
Barthney.....	KIZD	300,600	PG	.....do.....	R. C. of A.
Bartholomew.....	KOMF	300,600	PG	.....do.....	Do.
Bartolome.....	KOBS	300,450,600	PG	.....do.....	Do.
Barugo.....	KEQC	300,600	PG	.....do.....	
Barwick.....	KOBR	300,600	PG	.....do.....	
Bassan.....	WRAA	300,600	PG	.....do.....	S. O. R. S.
Basco.....	WVEI	300,600	PG	.....do.....	
Bascobel.....	KOFS	300,600	PG	.....do.....	R. C. of A.
Basford.....	KOFR	300,600	PG	.....do.....	
Basswood.....	KOQL	300,600	PG	.....do.....	
Bastrop.....	KOQM	300,600	PG	.....do.....	
Batanes.....	KEKX	300,600	PG	.....do.....	I. W. T. Co.
Bathalum.....	KIQT	300,600	PG	.....do.....	U. S. S. B.
Bathgate.....	KIQS	300,600	PG	.....do.....	
Batino.....	KERC	300,600	PG	.....do.....	
Baton Rouge.....	KSG	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Battahatchee.....	WCOA	300,600	PG	U. S. S. B.....	Do.
Buttonville.....	KIGV	300,600	PG	.....do.....	I. W. T. Co.
Bavington.....	KOPC	300,450,600	PG	.....do.....	R. C. of A.
Baxley.....	WBIO	300,600	PG	.....do.....	Do.
Bayamo.....	WDEU	300,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Bay Head.....	KINT	300,600	PG	U. S. S. B.....	R. C. of A.
Bayou Teche.....	WXUU	300,600	PG	.....do.....	Do.
Bayport.....	KUJC	300,600	PG	.....do.....	
Bayway.....	KSR	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Bearport.....	KUBK	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Beatrice.....	KLJ	300,600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Beaumont.....	WXUA	300,600	PG	U. S. S. B.....	R. C. of A.
Bedminster.....	WQIE	300,600	PG	.....do.....	S. O. R. S.
Blair.....	WTOI	300,600	PG	.....do.....	
Belding.....	KPUE	300,600	PG	.....do.....	R. C. of A.
Belfast.....	KRD	300,600	PG	Eastern S. S. Lines.....	Do.
Belfort.....	KIQB	300,600	PG	U. S. S. B.....	S. O. R. S.
Belgrade.....	WROU	300,600	PG	.....do.....	Do.
Bell Brook.....	KQEI	300,600	PG	.....do.....	R. C. of A.
Bellbuckle.....	KITK	300,600	PG	.....do.....	Do.
Bellemina.....	KODS	300,600	PG	.....do.....	I. W. T. Co.
Belleline.....	KOKF	300,450,600	PG	.....do.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Bellerose.....	KOKD	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Bellflower.....	KOPQ	300, 600	PG	.....do.....	I. W. T. Co.
Bellhaven.....	KOFC	300, 600	PG	.....do.....	S. O. R. S.
Bellingham.....	WCIA	300, 600	PG	.....do.....	I. W. T. Co.
Bellota.....	KVEA	300, 600	PG	.....do.....	S. O. R. S.
Beloit.....	KNIO	300, 600	PG	.....do.....	R. C. of A.
Belvidere.....	KEQK	300, 600	PG	.....do.....	S. O. R. S.
Benjamin Brewster.....	KPS	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Benj. F. Packard.....	WLA	300, 450, 600	PG	Booth Fisheries Co.....	S. O. R. S.
Benoni.....	KERR	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Benowa.....	KOTZ	300, 600	PG	J. E. Chilberg.....	R. C. of A.
Bensalem.....	KOFT	300, 600	PG	U. S. S. B.....	Do.
Benzonia.....	KPUO	300, 600	PG	.....do.....	Do.
Berea.....	KELJ	300, 600	PG	.....do.....	Do.
Berela.....	KEKF	300, 600	PG	.....do.....	Owner of vessel.
Berlin.....	WRB	300, 600	PG	Alaska-Portland Packers Assn.	
Bessemer.....	KIGT	300, 600	PG	U. S. S. B.....	R. C. of A.
Bethelbridge.....	KERT	300, 600	PG	.....do.....	I. W. T. Co.
Bethlehem Bridge.....	KIJV	300, 600	PG	.....do.....	S. O. R. S.
Bethnor.....	KOKT	300, 600	PG	.....do.....	R. C. of A.
Betsy Bell.....	KITM	300, 600	PG	.....do.....	I. W. T. Co.
Betterton.....	KUBG	300, 600	PG	.....do.....	S. O. R. S.
Bidwell.....	KESQ	300, 600	PG	.....do.....	
Biloxi.....	KPAI	300, 600	PG	U. S. S. B.....	Do.
Biran.....	KKOA	300, 600	PG	.....do.....	I. W. T. Co.
Birchleaf.....	KEMD	300, 600	PG	Nacirema S. S. Corp.	R. C. of A.
Bird City.....	KOBP	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Birmingham City.....	KUTT	300, 450, 600	PG	U. S. Steel Products Co.	R. C. of A.
Black Arrow.....	WLN	300, 600	PG	U. S. S. B.....	S. O. R. S.
Blair.....	KIGR	300, 600	PG	.....do.....	I. W. T. Co.
Blakeley.....	WNUE	300, 600	PG	.....do.....	R. C. of A.
Blandon.....	KPAU	300, 600	PG	.....do.....	I. W. T. Co.
Bloomington.....	WFIO	300, 600	PG	.....do.....	S. O. R. S.
Blue Eagle.....	KPOA	300, 600	PG	.....do.....	R. C. of A.
Blue Triangle.....	KUGS	300, 600	PG	.....do.....	I. W. T. Co.
Bluffton.....	KEKZ	300, 600	PG	.....do.....	
Blythedale.....	KROA	300, 600	PG	.....do.....	S. O. R. S.
Bobring.....	WCAA	300, 600	PG	Pacific American Fisheries.	
Bockonoff.....	WNUI	300, 600	PG	U. S. S. B.....	R. C. of A.
Boilston.....	KPEA	300, 600	PG	.....do.....	S. O. R. S.
Bolikow.....	KEQD	300, 600	PG	.....do.....	
Bologan.....	WLIU	300, 600	PG	.....do.....	Do.
Bonham.....	WKIE	300, 600	PG	.....do.....	Do.
Bonifay.....	KPOO	300, 600	PG	.....do.....	R. C. of A.
Bonnafon.....	KNOU	300, 600	PG	.....do.....	S. O. R. S.
Bonneteteere.....	KETL	300, 600	PG	.....do.....	Do.
Bon Secour.....	KIKV	300, 600	PG	.....do.....	
Boobyalls.....	KUGC	300, 600	PG	J. E. Chilberg.....	Do.
Boone.....	KENL	300, 600	PG	U. S. S. B.....	Do.
Boonsborough.....	KELL	300, 600	PG	.....do.....	I. W. T. Co.
Borad.....	KIDK	300, 600	PG	.....do.....	S. O. R. S.
Boreta.....	WXUE	300, 600	PG	Petroleum Transport Service Corp.	
Borinquen.....	KFV	300, 600	PG	Battery S. S. Corp....	R. C. of A.
Boston.....	KXA	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Boston.....	KXS	300, 476, 600	PG	U. S. S. B.....	R. C. of A.
Boston Bridge.....	KINS	300, 450, 600	PG	.....do.....	Do.
Bosworth.....	KQOU	300, 600	PG	.....do.....	I. W. T. Co.
Botsford.....	WZAO	300, 600	PG	.....do.....	R. C. of A.
Bottineau.....	WCAC	300, 600	PG	.....do.....	
Boughton.....	WCAI	300, 600	PG	.....do.....	S. O. R. S.
Boulton.....	KNOE	300, 600	PG	U. S. S. B.....	Do.
Bound Brook.....	KIFQ	300, 600	PG	.....do.....	
Bournville.....	KTEU	300, 600	PG	.....do.....	
Bowesmont.....	KTIA	300, 600	PG	.....do.....	
Boxbutte.....	KETS	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Boxley.....	KNUU	300, 600	PG	.....do.....	S. O. R. S.
Boykin.....	KETT	300, 600	PG	.....do.....	Do.
Boynton.....	KUGF	300, 600	PG	.....do.....	I. W. T. Co.
Brabant.....	KUU	300, 450, 600	PG	Texas Co.....	Do.
Bradford.....	KNG	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Braeburn.....	WMOI	300, 600	PG	U. S. S. B.....	Do.
Bramell Point.....	KRO	300, 450, 600	PG	Vacuum Oil Co.....	Do.
Brandon.....	KZZ	300, 600	PG	New England Fuel & Transportation Co.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Brandywine.....	WGUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Brant.....	KUDB	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Brasher.....	KIJX	300,600	PG	U. S. S. B.....	R. C. of A.
Brave Coeur.....	KOGN	300,476,600	PG	.....do.....	Do.
Braxton.....	KIBS	300,600	PG	.....do.....	I. W. T. Co.
Brazos.....	KEZ	300,450,600	PG	New York & Porto Rico S. S. Co.	Do.
Bremerton.....	WSZ	300,600	PG	U. S. S. B.....	S. O. R. S.
Brentwood.....	KIBV	300,600	PG	.....do.....	Do.
Brevard.....	KEPJ	300,600	PG	.....do.....	Do.
Briarcliffe.....	KEPK	300,600	PG	.....do.....	R. C. of A.
Brilliant.....	KTI	300,450,600	PG	Standard Oil Co. of N. Y.	Do.
Brindilla.....	KTZ	300,450,600	PG	.....do.....	Do.
Bristol.....	KEGC	300,600	PG	Coastwise Trade Co.	Do.
Broad Arrow.....	KSY	300,450,600	PG	Standard Transportation Co.	Do.
Brockton.....	KNH	300,600	PG	Colonial Navigation Co.	I. R. T. Co.
Bromela.....	KRAI	300,600	PG	U. S. S. B.....	R. C. of A.
Brompton.....	KRAO	300,600	PG	.....do.....	Do.
Broncho.....	KRAU	300,600	PG	.....do.....	Do.
Brookdale.....	WNUO	300,600	PG	.....do.....	S. O. R. S.
Brookline.....	KURT	300,600	PG	.....do.....	Do.
Brookside.....	KEZS	300,600	PG	.....do.....	Do.
Brookwood.....	KRUE	300,600	PG	.....do.....	R. C. of A.
Broxton.....	KDAL	300,600	PG	.....do.....	Do.
Brynhilda.....	KIO	300,450,600	PG	Cosmopolitan Shipping Co.	Do.
Buccaneer.....	KFO	300,600	PG	Freeport & Tampico Fuel Oil Transport Co.	Do.
Buckhannon.....	KELG	300,600	PG	Robinson Shipping Co.	I. W. T. Co.
Buckhorn.....	WXIO	300,600	PG	U. S. S. B.....	Do.
Buffalo Bridge.....	KIZF	300,600	PG	.....do.....	Do.
Buyaga.....	WQOU	300,600	PG	.....do.....	R. C. of A.
Buhisan.....	WVII	300,600	PG	.....do.....	S. O. R. S.
Bulana.....	WJUU	300,600	PG	.....do.....	Do.
Burmont.....	WZIE				
Burnham.....	WZII				
Burnside.....	WGII	300,600	PG	U. S. S. B.....	R. C. of A.
Burnwell.....	KIMS	300,600	PG	.....do.....	Do.
Burnwood.....	KEPC				
Bushong.....	KJB	300,600	PG	U. S. S. B.....	I. W. T. Co.
Bushrod.....	KICB	300,600	PG	.....do.....	S. O. R. S.
Butte.....	KICC	300,600	PG	.....do.....	Do.
Buttercup.....	KIJT	300,600	PG	.....do.....	I. W. T. Co.
Butterfield.....	KIJS	300,600	PG	.....do.....	S. O. R. S.
Buttonwood.....	KLB	300,600	PG	.....do.....	R. C. of A.
Byfield.....	KIBZ	300,600	PG	.....do.....	S. O. R. S.
Bylayl.....	KSOU	300,600	PG	Pocahontas Fuel Co.	R. C. of A.
Cabegon.....	KEJQ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cabeza.....	KKEA	300,600	PG	.....do.....	R. C. of A.
Cabrille.....	KENS	300,450,600	PG	.....do.....	Do.
Cabrillo.....	WBV	300,600	PG	Wilmington Transportation Co.	Do.
Cabura.....	KQAA	300,600	PG	U. S. S. B.....	S. O. R. S.
C. A. Canfield.....	WIH	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Cacique.....	WBE	300,450,600	PG	Grace S. S. Co.	Do.
Cadaretta.....	WLOO	300,600	PG	U. S. S. B.....	S. O. R. S.
Caddo.....	KSX	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Caddopeak.....	WPUE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cajacet.....	KUDL	300,600	PG	.....do.....	Do.
Calala.....	KQAO	300,600	PG	.....do.....	Do.
Calamares.....	KLC	300,600	PG	United Fruit Co.	T. R. T. Co.
Calaveras.....	KXIE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Caldas.....	KOQV	300,600	PG	Caribbean S. S. Co.	R. C. of A.
Calicorock.....	KXII	300,600	PG	U. S. S. B.....	I. W. T. Co.
California.....	KYQ	300,600	PG	Clara B. Stocker.	R. C. of A.
Calispell.....	KXIO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Callabasas.....	WPUI	300,600	PG	Callabasas S. S. Corp.	Owner of vessel.
Callao.....	WHF	300,600	PG	Bark Callao Corp.	I. W. T. Co.
Callao.....	KEQS	300,600	PG	U. S. S. B.....	Do.
Callooh.....	KPEE	300,600	PG	.....do.....	Do.
Calno.....	KINV	300,600	PG	.....do.....	Do.

RADIO STATIONS OF THE UNITED STATES.

17

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Caloria.....	KSP	300,600	PG	Standard Oil Co. of N.J.	R. C. of A.
Calvert.....	WTUI	300,600	PG	U. S. S. B.....	Do.
Calvin Austin.....	KRN	300,600	PG	Eastern S. S. Lines.....	Do.
Camaguey.....	KWI	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambridge.....	KGR	300,550,600	PG	New York & New Orleans S. S. Co.	I. R. T. Co.
Cambridge.....	KIRR	300,600	PG	U. S. S. B.....	R. C. of A.
Camden.....	KRC	300,600	PG	Eastern S. S. Lines.....	Do.
Campello.....	WTAU	300,600	PG	Robinson Shipping Co.	I. W. T. Co.
Canaveral.....	WTEA	.....	.....	U. S. S. B.....	
Canco.....	KUTP	300,600	P	American Can Co.....	Owner of vessel.
Canibas.....	WQEU	300,450,600	PG	U. S. S. B.....	R. C. of A.
Canoga.....	WKZ	300,600	PG	.....do.....	S. O. R. S.
Canumset.....	KIJD	300,600	PG	.....do.....	Do.
Cape Cod.....	KPW	300,600	PG	Whitehall Transportation Co.	R. C. of A.
Cape Henry.....	KMIE	300,600	PG	U. S. S. B.....	S. O. R. S.
Cape May.....	WDOI	300,600	PG	.....do.....	I. W. T. Co.
Cape Romain.....	KREA	300,600	PG	.....do.....	Do.
Capillo.....	KUPN	300,600	PG	.....do.....	Do.
Capines.....	KSAI	300,600	PG	.....do.....	Do.
Capital of Nebraska.....	KUSF	300,600	PG	.....do.....	S. O. R. S.
Caponka.....	WCAO	300,600	PG	Standard Oil Co. of Calif.	R. C. of A.
Captain A. F. Lucas.....	WTV	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Capulin.....	KUZR	300,600	PG	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.
Caracas.....	KDB	300,450,600	PG	.....
Cardonia.....	KUVV	300,600	PG	U. S. S. B.....	S. O. R. S.
Carib.....	KJII	300,600	PG	Atlantic, Gulf & West Indies S. S. Lines.	
Carib.....	KMIA	300,600	PG	Carib S. S. Co.....	R. C. of A.
Carib.....	KUZX	300,600	PG	Carib Trading Co.....	S. O. R. S.
Caribbean.....	KGUE	300,600	PG	Panama R. R. Co.....	Owner of vessel.
Caribou.....	WSIA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Carl D. Bradley.....	WGN	300,600	PG	Bradley Transportation Co.	R. C. of A.
Carolina.....	WFE	300,600	PG	Goodrich Transit Co.....	Do.
Carolinian.....	KJF	300,600	PG	Garland S. S. Corp.....	Do.
Carolyn.....	KZG	300,600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Carrillo.....	KDE	300,600	PG	United Fruit Co.....	T. R. T. Co.
Cartago.....	KDD	300,600	PG	.....do.....	Do.
Cartona.....	KUFL	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Cascade.....	WPUO	300,600	PG	.....do.....	I. W. T. Co.
Casco.....	WCP	300,600	PG	.....do.....	Do.
Casey.....	KOQJ	300,600	PG	.....do.....	Do.
Casiana.....	KYE	300,600	PG	Edward L. Doheny.....	R. C. of A.
Casmalla.....	WSII	300,600	PG	U. S. S. B.....	S. O. R. S.
C. A. Smith.....	WEL	300,600	PG	Coos Bay Lumber Co.....	Owner of vessel.
C. A. Snider.....	KRR	300,450,600	PG	Vacuum Oil Co.....	S. O. R. S.
Casper.....	KIRX	300,600	PG	U. S. S. B.....	R. C. of A.
Castle Point.....	KESD	300,600	PG	.....do.....	I. W. T. Co.
Castle Town.....	KOF	300,600	PG	.....do.....	R. C. of A.
Castle Wood.....	KEKQ	300,600	PG	.....do.....	I. W. T. Co.
Catawba.....	KVEE	300,600	PG	.....do.....	R. C. of A.
Catherine D.....	KMAI	300,450,550, 600	PG	Pacific American Fisheries.	S. O. R. S.
Cathlamet.....	KOLP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cathwood.....	KURC	300,450,600	PG	.....do.....	Do.
Cauto.....	KWF	300,450,600	PG	New York & Cuba Mail S. S. Co.	Do.
Cawker.....	KECF	300,600	PG	U. S. S. B.....	R. C. of A.
Cayo Mambi.....	KUZZ	.....	.....	Baltimore Dry Dock & S. S. Co.	
Cecil County.....	KERZ	300,600	PG	.....
Cedar Spring.....	WTEE	300,450,600	PG	U. S. S. B.....	Do.
Celilo.....	WMF	300,600	PG	Celilo S. S. Co.....	Do.
Centaurus.....	KOPZ	300,600	PG	Nafra Co.....	Do.
Central American.....	WKOU	300,600	PG	Texas Co.....	Do.
Centralia.....	WSN	300,600	PG	Gulf Mail S. S. Co.....	Do.
Ceralvo.....	WTEI	300,600	PG	U. S. S. B.....	S. O. R. S.
Cerosco.....	WTEO	300,600	PG	.....do.....	R. C. of A.
Cerro Gardo.....	KEFK	300,450,600	PG	.....do.....	S. O. R. S.
Cethana.....	KORG	300,440,520, 600	PG	J. E. Chilberg.....	Do.
Challamba.....	KORJ	300,600	PG	.....do.....	

18 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Challenger.....	WNII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Chalmette.....	KKC	300,450,600	PG	Southern Pacific S. S. Co.	R. C. of A.
Chamberino.....	KEFL	300,600	PG	U. S. S. B.....	S. O. R. S.
Chamblee.....	KEGG	300,600	PG	.....do.....	Do.
Champion.....	KIXV	300,600	PG	Atlantic Transport Co.	I. W. T. Co.
Chancook.....	KOJF	300,600	PG	U. S. S. B.....	Do.
Chantier.....	KEGK	300,600	PG	.....do.....	R. C. of A.
Chaparel.....	KEGJ	300,600	PG	.....do.....	I. W. T. Co.
Chappaqua.....	KURF	300,450,600	PG	.....do.....	Do.
Chappell.....	KEVS	300,600	PG	.....do.....	R. C. of A.
Charles Braley.....	KVP	300,450,600	PG	Cuba Distilling Co....	Do.
Charles E. Harwood.....	WID	300,450,600	PG	Pan-American Petroleum & Transport Co.	I. W. T. Co.
Charles M. Everest.....	WPOU	300,600	PG	Vacuum Oil Co.....	Do.
Charles O. Jenkins.....	WFT	300,600	PG	Jenkins S. S. Co.....	Do.
Charles Pratt.....	KSQ	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Charlot.....	WMUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Charlton Hall.....	KLU	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Chattanooga.....	KIDN	300,600	PG	U. S. S. B.....	Do.
Chautauqua.....	KIFK	300,600	PG	.....do.....	Do.
Chebaulip.....	KJAA	300,600	PG	.....do.....	Do.
Chelan.....	WCAU	.....do.....	PG	.....do.....	Do.
Chepadoa.....	KOFL	300,600	PG	.....do.....	Do.
Cherokee.....	KVK	300,450,600	PG	Clyde S. S. Co.....	Do.
Cheron.....	KNII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Chester Sun.....	WAS	300,600	PG	Sun Co.....	R. C. of A.
Chester Valley.....	KOST	300,600	PG	U. S. S. B.....	S. O. R. S.
Chester W. Chapin.....	KXQ	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Chestnut Hill.....	KVG	300,600	PG	U. S. S. B.....	S. O. R. S.
Chetopa.....	KCAE	300,600	PG	.....do.....	Do.
Chibaibos.....	WPOE	300,600	PG	.....do.....	Do.
Chicago.....	WAC	300,600	PG	Booth Fisheries Co.....	Do.
Chicago Bridge.....	KECG	300,600	PG	U. S. S. B.....	Do.
Chickamauga.....	KULC	300,600	PG	.....do.....	R. C. of A.
Chickasaw.....	KOJR	300,600	PG	.....do.....	I. W. T. Co.
Chickasaw City.....	KUNZ	300,600	PG	U. S. Steel Products Co.	Do.
Chicomico.....	KOLS	300,600	PG	U. S. S. B.....	R. C. of A.
Chimo.....	KKOO	300,600	PG	.....do.....	Do.
China.....	WWA	300,450,600	PG	China Mail S. S. Co.....	Do.
Chinampa.....	KSC	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Chincha.....	KJZ	300,450,600	PG	Green Star S. S. Corp.	Do.
Chipchung.....	WBIA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Christabel.....	KUTN	300,600	PG	Savannah Bar Pilots	Do.
Christopher Columbus.....	WFJ	300,600	PG	Goodrich Transit Co.	R. C. of A.
Circinus.....	KOPK	300,600	PG	Nafra Co.....	Do.
City of Alameda.....	KUCQ	300,600	PG	U. S. S. B.....	S. O. R. S.
City of Alma.....	KUBP	300,600	PG	.....do.....	Do.
City of Alpena II.....	WEH	300,600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of Alton.....	KONZ	300,600	PG	U. S. S. B.....	S. O. R. S.
City of Atlanta.....	KFB	300,450,600	PG	Ocean S. S. Co.....	R. C. of A.
City of Augusta.....	KFJ	300,450,600	PG	.....do.....	Do.
City of Bangor.....	KRH	300,600	PG	Easter S. S. Lines.....	Do.
City of Benton Harbor.....	WDV	300,600	PG	Graham & Morton Transp. Co.	Do.
City of Berkeley.....	KOZQ	300,600	PG	U. S. S. B.....	Do.
City of Brockton.....	KXO	300,600	PG	New England S. S. Co.	I. R. T. Co.
City of Buffalo.....	WFQ	300,600	PG	Cleveland & Buffalo Transit Co.	R. C. of A.
City of Cleveland III.....	WEA	300,450,600	PG	Detroit & Cleveland Nav. Co.	Do.
City of Columbus.....	KFA	300,450,600	PG	Ocean S. S. Co.....	Do.
City of Detroit II.....	WEC	300,600	PG	Detroit & Cleveland Nav. Co.	Do.
City of Detroit III.....	WEF	300,450,600	PG	.....do.....	Do.
City of Erie.....	WFP	300,600	PG	Cleveland & Buffalo Transit Co.	Do.
City of Eureka.....	KEFT	300,600	PG	U. S. S. B.....	I. W. T. Co.
City of Everett.....	KTQ	300,600	PG	Standard Oil Co. of N. Y.	Do.
City of Fairbury.....	KISR	300,450,600	PG	U. S. S. B.....	S. O. R. S.
City of Flint.....	KUCV	300,450,600	PG	.....do.....	Do.
City of Freeport.....	KESV	300,600	PG	.....do.....	R. C. of A.
City of Grand Rapids.....	WDS	300,600	PG	Graham & Morton Transp. Co.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
City of Joliet.....	KUJR	300, 600	PG	U. S. S. B.....	I. W. T. Co.
City of Lordsburg.....	KUTK	300, 600	PG	.....do.....	I. R. T. Co.
City of Lowell.....	KXB	300, 550, 600	PG	New England S. S. Co.	R. C. of A.
City of Mackinac II.....	WEB	300, 600	PG	Detroit & Cleveland Nav. Co.	S. O. R. S.
City of Miami.....	WDI	300, 600	PG	Havana-American S. S. Corp.	R. C. of A.
City of Montgomery.....	KFY	300, 450, 600	PG	Ocean S. S. Co.....	I. W. S. B. Co.
City of Omaha.....	KOZB	300, 600	PG	.....do.....	F. T. Co.
City of Para.....	WWF	300, 600	PG	Pacific Mail S. S. Co.	R. C. of A.
City of Puebla.....	WGQ	300, 600	PG	City of Puebla Corp.	S. O. R. S.
City of Reno.....	KUSK	300, 600	PG	U. S. S. B.....	R. C. of A.
City of Rockland.....	KRI	300, 600	PG	Eastern S. S. Lines.....	Do.
City of Rome.....	KQZ	300, 450, 600	PG	Ocean S. S. Co.....	Do.
City of Savannah.....	KFK	300, 450, 600	PG	.....do.....	Do.
City of Seattle.....	WGA	300, 600	PG	Pacific Coast Co.....	Do.
City of Sherman.....	KUCS	300, 600	PG	Pensacola S. B. Co.....	S. O. R. S.
City of Spokane.....	KILL	300, 600	PG	U. S. S. B.....	R. C. of A.
City of St. Ignace.....	WEG	300, 600	PG	Detroit & Cleveland Nav. Co.	I. W. T. Co.
City of St. Joseph.....	KOSM	300, 600	PG	U. S. S. B.....	R. C. of A.
City of St. Louis.....	KFX	300, 450, 600	PG	Ocean S. S. Co.....	I. W. T. Co.
City of Sydney.....	KKEI	300, 600	PG	L. A. Pederson.....	R. C. of A.
City of Taunton.....	KXL	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
City of Topeka.....	WGY	300, 600	PG	Pacific S. S. Co.....	R. C. of A.
City of Vernon.....	KUNS	300, 450, 600	PG	U. S. S. B.....	Do.
City of Weatherford.....	KUVC	300, 600	PG	.....do.....	Do.
Clackamas.....	KQEAE	300, 600	PG	.....do.....	Do.
Clairton.....	KIKR	300, 600	PG	.....do.....	Do.
Clare.....	KNE	300, 600	PG	A. H. Buil S. S. Co.....	I. W. T. Co.
Claremont.....	KUBD	300, 600	PG	W. H. Wood.....	Owner of vessel.
Clark Mills.....	KOQC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Clarksburg.....	KOVP	300, 600	PG	Coastwise Transporta- tion Co.	R. C. of A.
Clauseus.....	KOQB	300, 600	PG	Green Star S. S. Corp.	Do.
Clavarack.....	KOLL	300, 600	PG	U. S. S. B.....	Do.
Clearwater.....	KUGD	300, 600	PG	.....do.....	I. W. T. Co.
Clemence C. Morse.....	KUGG	300, 600	PG	.....do.....	R. C. of A.
Clemens A. Reiss.....	WNH	300, 600	PG	Reiss S. S. Co.....	Do.
Cleopatra.....	KIQL	300, 600	PG	U. S. S. B.....	Owner of vessel.
Cletus Schneider.....	KMEO	300, 600	PG	Paisley S. S. Co.....	S. O. R. S.
Cliffwood.....	KORX	300, 600	PG	U. S. S. B.....	R. C. of A.
Clincho.....	KENX	300, 600	PG	.....do.....	I. W. T. Co.
Cllo.....	KIKZ	300, 600	PG	Pacific-American Fisherries.	Do.
Codia.....	KILB	300, 378, 600	PG	U. S. S. B.....	S. O. R. S.
Clontarf.....	KUDP	300, 600	PG	.....do.....	Do.
Coahoma County.....	KOMP	300, 600	PG	.....do.....	F. T. Co.
Coalinga.....	WOT	300, 600, 1800	PG	Union S. S. Co.....	I. W. T. Co.
Coamo.....	KGA	300, 450, 600	PG	New York & Porto Rico S. S. Co.	Do.
Coastwise.....	KUZ	300, 600	PG	Neptune Line.....	R. C. of A.
Coaxet.....	WPUU	300, 425, 600	PG	U. S. S. B.....	I. W. T. Co.
Cochin.....	KELR	300, 600	PG	.....do.....	S. O. R. S.
Cockaponset.....	KOFN	300, 600	PG	.....do.....	R. C. of A.
Cocoanino.....	WMIA	300, 600	PG	.....do.....	Do.
Cocopa.....	WXAI	300, 600	PG	.....do.....	S. O. R. S.
Coelleda.....	KOVV	300, 600	PG	.....do.....	Do.
Coeur D'Alene.....	KOVT	300, 600	PG	.....do.....	S. O. R. S.
Cohasset.....	WJUI	300, 600	PG	.....do.....	Do.
Cokato.....	WMUE	300, 600	PG	.....do.....	I. W. T. Co.
Cokesit.....	WQUA	300, 600	PG	.....do.....	Do.
Coldbrook.....	KOQK	300, 600	PG	.....do.....	S. O. R. S.
Cold Harbor.....	KUBB	300, 600	PG	.....do.....	R. C. of A.
Cold Spring.....	KIQK	300, 600	PG	.....do.....	S. O. R. S.
Coldwater.....	KUCX	300, 600	PG	.....do.....	S. O. R. S.
Col. E. L. Drake.....	WTS	300, 450, 600	PG	Standard Oil Co. of Calif.	R. C. of A.
Colindo.....	KSUV	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Collamer.....	KOZZ	300, 600	PG	.....do.....	R. C. of A.
Collingsworth.....	KUKX	300, 600	PG	.....do.....	S. O. R. S.
Coloma.....	KNIU	300, 600	PG	.....do.....	Do.
Colombia.....	WBH	300, 600, 1800	PG	Pacific Mail S. S. Co.	F. T. Co.
Colion.....	KMX	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Colorado Springs.....	KILK	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Coithraps.....	KUMR	300, 450, 600	PG	.....do.....	Do.
Columbia.....	WHC	300, 430, 600	PG	New Orleans & South American S. S. Co.	Owner of vessel.
Columbine.....	WLOI	300, 600	PG	U. S. S. B.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Colusa.....	WIN	300, 600	PG	Grace S. S. Co.....	R. C. of A.
Comal.....	KEM	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Comanche.....	KVC	300, 600	PG	Clyde S. S. Co.....	Do.
Comerant.....	KUMQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Comet.....	KTJ	300, 450, 600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Commack.....	KULT	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Commissioner.....	KOGZ				
Commonwealth.....	KXC	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Communipaw.....	KOE	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Comus.....	KKD	300, 450, 600	PG	Southern Pacific Co.	Do.
Concho.....	KEC	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Concord.....	KNC	300, 550, 600	PG	Colonial Navigation Co.	I. R. T. Co.
Conehatta.....	KUQQ	300, 600	PG	U. S. S. B.....	R. C. of A.
Conejos.....	KUKT	300, 450, 600	PG	.....do.....	Do.
Conewago.....	KISB	300, 600	PG	.....do.....	Do.
Congaree.....	WVEA	300, 600	PG	.....do.....	I. W. T. Co.
Conneaut.....	WCU	300, 600	PG	Gulf Refining Co.	R. C. of A.
Connerville.....	WKOO	300, 600	PG	U. S. S. B.....	S. O. R. S.
Conness Peak.....	KUPL	300, 450, 600	PG	.....do.....	I. W. T. Co.
Conotton.....	WVAO	300, 600	PG	.....do.....	Do.
Conshohocken.....	KUGV	300, 450, 600	PG	.....do.....	R. C. of A.
Consort.....	KDOI	300, 600	PG	.....do.....	I. W. T. Co.
Continental Bridge.....	KOCP	300, 600	PG	.....do.....	R. C. of A.
Contoocook.....	WVAU	300, 600	PG	.....do.....	Do.
Cook.....	KOFX	300, 600	PG	.....do.....	Do.
Coolcha.....	KOPS	300, 450, 525 600	PG	J. E. Chilberg.....	S. O. R. S.
Coosa.....	WLF	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Coot.....	KUJM	300, 600	PG	East Coast Fisheries Co.	
Copalgrove.....	KEFJ	300, 600	PG	U. S. S. B.....	Do.
Coperas.....	WTEU	300, 600	PG	.....do.....	S. O. R. S.
Coppename.....	KDF	300, 600	PG	United Fruit Co.	T. R. T. Co.
Coquina.....	WVAF	300, 600	PG	U. S. S. B.....	R. C. of A.
Coquitt.....	KOFZ	300, 600	PG	.....do.....	I. W. T. Co.
Cora F. Cressy.....	KSZ	300, 450, 600	PG	France & Canada S. S. Co.	R. C. of A.
Corapeak.....	WVAE	300, 600	PG	U. S. S. B.....	Do.
Corcoran.....	WVAI	300, 600	PG	.....do.....	S. O. R. S.
Cordova.....	WAR	300, 600	PG	Alaska S. S. Co.	Do.
Cornelia.....	KZD	300, 600	PG	Bull Insular S. S. Co.	I. W. T. Co.
Corning.....	KIH	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Cornucopia.....	WNIU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Coronado.....	WFZ	300, 600	PG	.....do.....	R. C. of A.
Corone.....	KUFM	300, 450, 600	PG	.....do.....	Do.
Corozal.....	KQIA	300, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Corrales.....	WPIE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Corsair.....	KYC	300, 440, 600	PG	J. P. Morgan.....	R. C. of A.
Corsicana.....	WPII	300, 600	PG	U. S. S. B.....	Do.
Corson.....	KIQV	300, 600	PG	.....do.....	Do.
Corvallis.....	KIBT	300, 600	PG	.....do.....	S. O. R. S.
Corvus.....	KOPL	300, 450, 600	PG	Nafra Co.	R. C. of A.
Coskata.....	KOMZ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Costa Rica.....	WQI	300, 600	PG	L. A. Pedersen.....	Owner of vessel.
Costigan.....	KINF	300, 600	PG	U. S. S. B.....	S. O. R. S.
Costilla.....	WMEA	300, 600	PG	.....do.....	I. W. T. Co.
Cotati.....	KIQF	300, 600	PG	.....do.....	Do.
Cote Blanche.....	WMEE	300, 600	PG	.....do.....	S. O. R. S.
Cotopaxi.....	WMEI	300, 600	PG	Clinchfield Navigation Co.	R. C. of A.
Cotteral.....	WCEA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Cottonplant.....	WMEO	300, 600	PG	.....do.....	Do.
Cottonwood.....	WMEU	300, 600	PG	.....do.....	Do.
Coulee.....	WTOU	300, 600	PG	.....do.....	I. W. T. Co.
Coulter.....	WQAO	300, 600	PG	.....do.....	S. O. R. S.
Council Bluffs.....	WVOA	300, 600	PG	.....do.....	R. C. of A.
Coupar.....	WVOE	300, 600	PG	.....do.....	Do.
Courageous.....	WVUA	300, 600	PG	.....do.....	I. W. T. Co.
Courtois.....	WVOI	300, 600	PG	.....do.....	R. C. of A.
Coushatta.....	WVOO	300, 600	PG	.....do.....	I. W. T. Co.
Coutolene.....	WVOU	300, 600	PG	.....do.....	Do.
Covalt.....	KEMM	300, 600	PG	.....do.....	R. C. of A.
Covedale.....	KEMN	300, 450, 600	PG	.....do.....	Do.
Covena.....	KEMP	300, 450, 600	PG	.....do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Coverun.....	KENM	300, 600	PG	U. S. S. B	R. C. of A.
Cowan.....	KENN	300, 600	PG	.....do.....	Do.
Cowanshannock.....	WMAE	300, 450, 600	PG	.....do.....	S. O. R. S.
Cowardin.....	KESL	300, 450, 600	PG	Nacirema S. S. Corp.	R. C. of A.
Cowboy.....	WMAI	300, 600	PG	U. S. S. B	S. O. R. S.
Cowee.....	WMAO	300, 450, 600	PG	.....do.....	I. W. T. Co.
Coweta.....	WNEU	300, 600	PG	.....do.....	R. C. of A.
Cowiche.....	WXOA	300, 450, 600	PG	.....do.....	Do.
Coyote.....	KXUU	300, 600	PG	American S. S. Corp.	Do.
Crabtree.....	WXOE	300, 600	PG	U. S. S. B	Do.
Craftsman.....	KIBR	300, 600	PG	.....do.....	I. W. T. Co.
Craigrownie.....	WXOI	300, 600	PG	.....do.....	S. O. R. S.
Craigmere.....	WXOO	300, 600	PG	.....do.....	R. C. of A.
Craincreek.....	WNAA	300, 600	PG	.....do.....	I. W. T. Co.
Cransenest.....	WNAE	300, 600	PG	.....do.....	Do.
Cranford.....	KOLX	300, 600	PG	.....do.....	R. C. of A.
Craster Hall.....	KLK	300, 600	PG	U. S. Steel Products Co.	I. W. T. Co.
Crathorne.....	WSOO	300, 600	PG	U. S. S. B	R. C. of A.
Crawl Keys.....	WDEI	300, 600	PG	.....do.....	S. O. R. S.
Craycroft.....	WNAI	300, 600	PG	.....do.....	R. C. of A.
Creole.....	KKR	300, 450, 600	PG	Southern Pacific Co.	S. O. R. S.
Cresap.....	KRUA	300, 600	PG	U. S. S. B	I. W. T. Co.
Cretan.....	KQC	300, 450, 600	PG	Merchants & Miners Transpn. Co.	Do.
Cricket.....	WSEI	300, 450, 600	PG	Cricket S. S. Co.....	S. O. R. S.
Cripple Creek.....	KOJL	300, 376, 600	PG	U. S. S. B	Do.
Crisfield.....	KOKP	300, 600	PG	.....do.....	I. W. T. Co.
Cristina.....	KUZB	300, 450, 600	PG	Vincent Astor.....	R. C. of A.
Cristobal.....	KMD	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Crofton Hall.....	KLR	300, 450, 600	PG	U. S. Steel Products Co	R. C. of A.
Cross Keys.....	KOTD	300, 600	PG	U. S. S. B	I. W. T. Co.
Crown City.....	KUSP	300, 600	PG	.....do.....	R. C. of A.
Crudoil.....	KUQD	300, 600	PG	Pan-American Petroleum & Transport Co.	Do.
Cruso.....	WNIA	300, 600	PG	U. S. S. B	I. W. T. Co.
Cuba.....	WQU	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
Cubore.....	KUPP	300, 600	PG	Ore S. S. Corporation	R. C. of A.
Culburra.....	KOZR	300, 600	PG	J. E. Chilberg.....	
Cumberland.....	WKOI	300, 600	PG	U. S. S. B	
Curacao.....	WGK	300, 600	PG	Pacific S. S. Co.....	
Curlew.....	KOSZ	300, 450, 600	PG	Curlew Co.....	Do.
Currier.....	KNU	300, 450, 600	PG	Gulf Refining Co.....	Owner of vessel.
Cushnet.....	KONB	300, 600	PG	U. S. S. B	I. W. T. Co.
Cushnoc.....	KIMJ	300, 450, 600	PG	.....do.....	S. O. R. S.
Custodian.....	KIVZ	300, 600	PG	.....do.....	R. C. of A.
Cuttvhunk.....	KONC	300, 600	PG	.....do.....	I. W. T. Co.
Cuyamaca.....	KUXD	300, 600	PG	.....do.....	S. O. R. S.
Daca.....	KKIA	300, 600	PG	.....do.....	R. C. of A.
Dade County.....	KIJZ	300, 600	PG	.....do.....	I. W. T. Co.
Dakotan.....	WKD	300, 600	PG	American - Hawaiian S. S. Co.	Owner of vessel.
Dalana.....	KQAU	300, 600	PG	Nacirema S. S. Corp.	R. C. of A.
Dalgada.....	KEDC	300, 600	PG	U. S. S. B	S. O. R. S.
Dallas.....	KEQB	300, 600	PG	.....do.....	R. C. of A.
Damacan.....	KELS	300, 600	PG	.....do.....	
Damuru.....	KPEO	300, 600	PG	.....do.....	
Dancey.....	WSAA	300, 600	PG	.....do.....	
Danebrog.....	WXAQ	300, 600	PG	.....do.....	
Daniel Webster.....	KOKM	300, 600	PG	.....do.....	I. W. T. Co.
Dammedaikai.....	KOPD	300, 450, 600	PG	.....do.....	R. C. of A.
Danvers.....	KOSK	300, 600	PG	.....do.....	
Danville.....	KOSJ	300, 600	PG	U. S. S. B	
D'Arbonne.....	KESX	300, 600	PG	.....do.....	
Dardania.....	KICD	300, 600	PG	.....do.....	
Darden.....	KUPK	300, 600	PG	.....do.....	
Dardora.....	KELT	300, 600	PG	.....do.....	
Darien.....	KULG	300, 600	PG	Panama R. R. Co.....	Owner of vessel.
Darrah.....	WZIA	300, 600	PG	U. S. S. B	S. O. R. S.
Datis.....	KICF	300, 600	PG	.....do.....	I. W. T. Co.
Dauperata.....	KIZJ	300, 600	PG	.....do.....	R. C. of A.
Davenport.....	KUDR	300, 600	PG	J. O. Davenport.....	S. O. R. S.
Davidson County.....	KINX	300, 600	PG	U. S. S. B	R. C. of A.
Dawnlite.....	KPP	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Daylite.....	KPR	300, 450, 600	PG	.....do.....	Do.
Dayton.....	KNP	300, 450, 600	PG	.....do.....	Do.
Decatur Bridge.....	KECJ	300, 600	PG	U. S. S. B	S. O. R. S.
Deepwater.....	KLY	300, 450, 600	PG	Castner, Curran & Bullitt.	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Deerfield.....	WTIU	300, 600	PG	U. S. S. B.....	S. O. R. S.
Deer Lodge.....	KIMD	300, 600	PG	.....do.....	I. W. T. Co.
Defiance.....	WSEA	300, 600	PG	.....do.....	R. C. of A.
Defianson.....	KOTX	300, 600	PG	.....do.....	I. W. T. Co.
Delavan.....	KIRQ	300, 600	PG	.....do.....	Do.
Delco.....	KIZB	300, 600	PG	Delco S. S. Co.....	R. C. of A.
Delfina.....	KIVS	300, 600	PG	U. S. S. B.....	S. O. R. S.
Delight.....	KQOE	300, 600	PG	.....do.....	Do.
Delisle.....	KIVT	300, 600	PG	.....do.....	I. W. T. Co.
Dellwood.....	KUBZ	300, 600	PG	.....do.....	R. C. of A.
Delphine.....	KIFL	300, 450, 600	PG	H. E. Dodge.....	I. W. T. Co.
Delrosa.....	KUTG	300, 600	PG	U. S. S. B.....	R. C. of A.
Democracy.....	WAQ	300, 600	PG	.....do.....	Do.
Deranof.....	KQIO	300, 600	PG	.....do.....	I. W. T. Co.
Derbyline.....	KIRT	300, 600	PG	.....do.....	R. C. of A.
Deroche.....	KOJB	300, 600	PG	.....do.....	I. W. T. Co.
Dertona.....	KICG	300, 600	PG	.....do.....	R. C. of A.
Des Moines Bridge.....	KUCG	300, 600	PG	.....do.....	I. W. T. Co.
De Soto.....	KNI	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Detroit-Wayne.....	KONX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Deuel.....	KOMD	300, 600	PG	.....do.....	S. O. R. S.
Deva.....	KICK	300, 600	PG	.....do.....	I. W. T. Co.
Devolente.....	KIVR	300, 600	PG	.....do.....	Do.
Dewey.....	KODT	300, 450, 600	PG	.....do.....	Do.
D. G. Scofield.....	WRD	300, 450, 600, 1,800	PG	Standard Oil Co. of Calif.	R. C. of A.
Diablo.....	KEPD	300, 600	PG	U. S. S. B.....	S. O. R. S.
Diana.....	KICJ	300, 600	PG	.....do.....	I. W. T. Co.
Dillwyn.....	KODX	300, 600	PG	.....do.....	R. C. of A.
Dilworth.....	KOJV	300, 450, 600	PG	.....do.....	S. O. R. S.
Dio.....	WNEO	300, 600	PG	.....do.....	I. W. T. Co.
Director.....	KIJG	300, 600	PG	.....do.....	Do.
Dirigo.....	KEGM	300, 600	PG	.....do.....	Do.
Dochet.....	KIMR	300, 600	PG	.....do.....	S. O. R. S.
Dochra.....	KGL	300, 450, 600	PG	Barber & Co.....	R. C. of A.
Domingo Nazaral I.....	KUVN	300, 600	PG	.....do.....	S. O. R. S.
Donald McKay.....	KULL	300, 600	PG	U. S. S. B.....	Owner of vessel.
Dora.....	WAH	300, 600	PG	N. C. Eggen.....	I. W. T. Co.
Dorchester.....	KQD	300, 450, 600	PG	Merchants & Miners Transpn. Co.	Owner of vessel.
Dorothy Bradford.....	KNA	300, 600	PG	Cape Cod S. S. Co.....	R. C. of A.
Dorothy Palmer.....	KQW	300, 450, 600	PG	France & Canada S. S. Corp.	Owner of vessel.
Doylestown.....	KIPG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Dreadnought.....	WGL	300, 600	PG	Hind-Rolph & Co.....	R. C. of A.
Dryden.....	KORK	300, 600	PG	U. S. S. B.....	Do.
Dulcino.....	KTV	300, 600	PG	American Sugar Refining Co.	Do.
Dungannon.....	KUZV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Dungeness.....	WPOI	300, 600	PG	.....do.....	R. C. of A.
Dunsyre.....	KUMF	300, 600	PG	Robert Dollar Co.....	S. O. R. S.
Duqueene.....	KECS	300, 600	PG	U. S. S. B.....	S. O. R. S.
Eagle.....	KIR	300, 450, 600	PG	Standard Transportation Co.	R. C. of A.
E. A. Morse.....	KOVN	300, 600	PG	U. S. S. B.....	I. W. T. Co.
East Cape.....	KENC	300, 600	PG	.....do.....	R. C. of A.
East Chicago.....	KUKD	300, 600	PG	.....do.....	S. O. R. S.
East Cliff.....	KSIA	300, 600	PG	.....do.....	I. W. T. Co.
Easterling.....	KEJD	300, 600	PG	.....do.....	Do.
Eastern Admiral.....	KURN	300, 600	PG	.....do.....	S. O. R. S.
Eastern Belle.....	KUJT	300, 600	PG	.....do.....	Do.
Eastern Breeze.....	KOPP	300, 600	PG	.....do.....	Do.
Eastern Chief.....	KSEI	300, 600	PG	.....do.....	Do.
Eastern Cloud.....	KUSQ	300, 450, 600	PG	.....do.....	Do.
Eastern Coast.....	KURX	300, 600	PG	.....do.....	I. W. T. Co.
Eastern Crag.....	KUJV	300, 450, 600	PG	.....do.....	S. O. R. S.
Eastern Cross.....	WKIU	300, 600	PG	.....do.....	R. C. of A.
Eastern Crown.....	KUNQ	300, 600	PG	.....do.....	I. W. T. Co.
Eastern Dawn.....	KUQT	300, 450, 600	PG	.....do.....	S. O. R. S.
Easterner.....	WGEA	300, 600	PG	.....do.....	R. C. of A.
Eastern Gale.....	KUDZ	300, 600	PG	.....do.....	Do.
Eastern Glade.....	KUND	300, 450, 600	PG	.....do.....	I. W. T. Co.
Eastern Glen.....	KUVB	300, 450, 600	PG	.....do.....	S. O. R. S.
Eastern Guide.....	KUCN	300, 450, 600	PG	.....do.....	Do.
Eastern King.....	WFEA	300, 600	PG	.....do.....	R. C. of A.
Eastern Knight.....	KUFB	300, 450, 600	PG	.....do.....	I. W. T. Co.
Eastern Light.....	WKII	300, 600	PG	.....do.....	Do.
Eastern Maid.....	KUTF	300, 450, 600	PG	.....do.....	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Eastern Mariner.....	KUGB	300, 450, 600	PG	U. S. S. B	I. W. T. Co.
Eastern Merchant.....	KUKS	300, 450, 600	PG	.....do.....	R. C. of A.
Eastern Moon.....	KUDX	300, 450, 600	PG	.....do.....	I. W. T. Co.
Eastern Ocean.....	KUNF	300, 600	PG	.....do.....	S. O. R. S.
Eastern Pilot.....	KULJ	300, 450, 600	PG	.....do.....	R. C. of A.
Eastern Planet.....	KUPD	300, 450, 600	PG	.....do.....	I. W. T. Co.
Eastern Queen.....	KXUE	300, 600	PG	.....do.....	S. O. R. S.
Eastern Sailor.....	KUZT	300, 600	PG	.....do.....	I. W. T. Co.
Eastern Sea.....	KTEA	300, 450, 600	PG	.....do.....	Do.
Eastern Shore.....	WKIO	300, 600	PG	.....do.....	R. C. of A.
Eastern Star.....	KTAU	300, 600	PG	Standard S. S. Co.	I. W. T. Co.
Eastern States.....	WEE	300, 600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
Eastern Sun.....	KTIE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Eastern Tempest.....	KUVG	300, 450, 600	PG	.....do.....	S. O. R. S.
Eastern Trader.....	KULK	300, 450, 600	PG	.....do.....	I. W. T. Co.
Eastern Victor.....	KUNR	300, 600	PG	.....do.....	S. O. R. S.
East Indian.....	WGEI	300, 600	PG	.....do.....	Do.
Eastport.....	WCIE	300, 600	PG	.....do.....	R. C. of A.
East Side.....	KIMQ	300, 600	PG	.....do.....	I. W. T. Co.
East Wind.....	KEKB	300, 600	PG	.....do.....	Do.
Eclipse.....	KEGF	300, 600	PG	.....do.....	S. O. R. S.
E. C. Pope.....	WZAU	300, 600	PG	Inter-Coast S. S. Co.	
Ecuador.....	WBN	300, 600, 1800	PG	Pacific Mail S. S. Co.	F. T. Co.
Edellyn.....	KIJL	300, 600	PG	U. S. S. B.....	S. O. R. S.
Edenton.....	KECB	300, 450, 530, 600	PG	.....do.....	Do.
Edgar F. Luckenbach.....	KGK	300, 450, 530, 600	PG	Luckenbach Co.....	Do.
Edgecombe.....	WQUE	300, 600	PG	U. S. S. B.....	Do.
Edgfield.....	KEBF	300, 600	PG	.....do.....	I. W. T. Co.
Edghill.....	KETN	300, 600	PG	.....do.....	R. C. of A.
Edgemont.....	KETP	300, 600	PG	.....do.....	Do.
Edgemoor.....	KEVF	300, 600	PG	.....do.....	Do.
Edgewood.....	KICM	300, 600	PG	.....do.....	Do.
Edisto.....	KILG	300, 600	PG	.....do.....	S. O. R. S.
Edith.....	KZF	300, 600	PG	A. H. Bull S. S. Co....	I. W. T. Co.
Editor.....	KOBG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Edmore.....	KILJ	300, 600	PG	.....do.....	I. W. T. Co.
Edna.....	KIPT	300, 600	PG	Sudden & Christensen.	R. C. of A.
Edward J. Lawrence.....	KQY	300, 450, 600	PG	French Overseas Corp.	Do.
Edward L. Doheny.....	WTE	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	Do.
Edward L. Doheny, Junior.....	WIJ	300, 450, 600	PG	.....do.....	Do.
Edward Luckenbach.....	KGQ	300, 450, 525, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
Edward Pierce.....	KMOU	300, 600	PG	Crowell & Thurlow S. S. Co.	
Eelbeck.....	KINQ	300, 600	PG	U. S. S. B.....	R. C. of A.
Effingham.....	KOLT	300, 600	PG	.....do.....	Do.
Effna.....	KOMT	300, 600	PG	.....do.....	Do.
E. G. Crosby.....	KURS	300, 600	PG	Chicago, Racine & Milwaukee S. S. Co.	Do.
Eglantine.....	KOPT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Egremont.....	KOQS	300, 600	PG	.....do.....	I. W. T. Co.
E. J. Earling.....	WEI	300, 600	PG	Franklin S. S. Co.	R. C. of A.
El Alba.....	KKL	300, 450, 600	PG	Southern Pacific Co.	Owner of vessel.
El Almirante.....	KKG	300, 450, 600	PG	.....do.....	R. C. of A.
El Capitan.....	KKH	300, 450, 600	PG	.....do.....	Do.
El Capitan.....	WNB	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
El Cid.....	KKT	300, 450, 600	PG	Southern Pacific Co.	Do.
Eldena.....	KEVG	300, 600	PG	U. S. S. B.....	Do.
El Dia.....	KKY	300, 450, 600	PG	Southern Pacific Co.	Owner of vessel.
E. L. Dohney, Third.....	WROO	300, 600	PG	U. S. S. B.....	
Eldora.....	KELF	300, 600	PG	.....do.....	
Eldorado.....	KMOI	300, 600	PG	Western Transport Co.	S. O. R. S.
Eldridge.....	KICN	300, 600	PG	U. S. S. B.....	Do.
Elfay.....	KOVQ	300, 450, 600	PG	Russell A. Alger.....	
Elihu Thomson.....	KEXD	300, 600	PG	North Pacific Sea Products Co.	Do.
Elinor.....	KVR	300, 600	PG	U. S. S. B.....	Do.
Elkhorn.....	KOCL	300, 600	PG	.....do.....	R. C. of A.
Elkridge.....	KISG	300, 600	PG	.....do.....	Do.
Elkton.....	KOFK	300, 600	PG	.....do.....	I. W. T. Co.
Elkwater.....	KILS	300, 600	PG	.....do.....	
Elmsport.....	KILF	300, 600	PG	.....do.....	

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS--Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
El Mundo.....	KKU	300, 450, 600	PG	Southern Pacific Co.	R. C. of A.
El Norte.....	KKN	300, 450, 600	PG	.....do.....	Do.
El Occidente.....	KKX	300, 600	PG	.....do.....	I. W. T. Co.
El Oriente.....	KKV	300, 450, 600	PG	.....do.....	R. C. of A.
El Rio.....	KKZ	300, 450, 600	PG	.....do.....	Do.
El Segundo.....	WTQ	300, 600	PG	Standard Oil Co. of Calif.	Do.
El Siglo.....	KKS	300, 450, 600	PG	Southern Pacific Co.	Owner of vessel.
El Sol.....	KKB	300, 450, 600	PG	.....do.....	R. C. of A.
El Sud.....	KKQ	300, 450, 600	PG	.....do.....	Do.
El Valle.....	KKW	300, 450, 600	PG	.....do.....	S. O. R. S.
Endicott.....	KODN	300, 600	PG	U. S. S. B.	I. W. T. Co.
Englewood.....	WGAA	300, 600	PG	.....do.....	R. C. of A.
Enseñy City.....	KUZS	300, 600	PG	U. S. Steel Products Co.	Do.
Enterprise.....	WMN	300, 450, 600	PG	Matson Navigation Co.	Owner of vessel.
Eocene.....	KTM	300, 600	PG	Standard Oil Co. of N. Y.	Owner of vessel.
Epitacio Pessoa.....	KOCC	300, 600	PG	U. S. S. B.	S. O. R. S.
Ernest H. Meyer.....	WMJ	300, 600	PG	Broughton & Wiggins Nav. Co.	Do.
E. R. Sterling.....	WIS	300, 565, 600	PG	Sterling Ship Co.	Owner of vessel.
Escambia.....	KOGK	300, 600	PG	U. S. S. B.	S. O. R. S.
Esopus.....	KETF	300, 600	PG	.....do.....	Do.
Esparta.....	KDO	300, 450, 600	PG	United Fruit Co.	T. R. T. Co.
Esperanza.....	KWZ	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Essex.....	KQE	300, 450, 600	PG	Merchants & Miners Transpn. Co.	Do.
Ethan Allen.....	KUJQ	300, 600	PG	U. S. S. B.	S. O. R. S.
Ethelmutte.....	KEMB	300, 600	PG	.....do.....	R. C. of A.
Eurana.....	KJG	300, 600	PG	Green Star S. S. Corp.	Do.
Evangeline.....	KII	300, 600	PG	James W. Elwell & Co.	I. W. T. Co.
Evansville.....	KIKT	300, 600	PG	U. S. S. B.	Do.
Evelyn.....	KZP	300, 600	PG	A. H. Bull S. S. Co.	R. C. of A.
Everett.....	KZT	300, 600	PG	New England Fuel & Transpn. Co.	Owner of vessel.
Everett.....	KUQR	300, 600	PG	Charles R. McCormick & Co.	R. C. of A.
Everglades.....	WQEE	300, 600	PG	U. S. S. B.	R. C. of A.
Evergreen City.....	KUNJ	300, 600	PG	.....do.....	I. W. T. Co.
Excelsior.....	KKO	300, 450, 600	PG	Southern Pacific Co.	R. C. of A.
Explorer.....	KIVN	300, 600	PG	U. S. S. B.	I. W. T. Co.
Eyota.....	KKII	300, 600	PG	.....do.....	R. C. of A.
Fairmont.....	KXT	300, 600	PG	Coastwise Transportation Co.	Owner of vessel.
Fair Oaks.....	WSM	300, 600	PG	Oriental Navigation Corp.	R. C. of A.
Faith.....	KJOA	300, 600	PG	San Francisco S. B. Co.	Owner of vessel.
Falmouth.....	WKOE	300, 600	PG	U. S. S. B.	I. W. T. Co.
Fame.....	KEDL	300, 600	PG	.....do.....	S. O. R. S.
Faraby.....	KEJV	300, 600	PG	.....do.....	Do.
Fargo.....	KONL	300, 600	PG	.....do.....	R. C. of A.
Farnam.....	KQIE	300, 600	PG	.....do.....	I. W. T. Co.
Fassett.....	KMUO	300, 600	PG	.....do.....	R. C. of A.
Favorite.....	KIFG	300, 600	PG	Great Lakes Towing Co.	Do.
Favorite.....	WCF	300, 600	PG	U. S. S. B.	Do.
Fayette Brown.....	WQG	300, 600	PG	Harvey H. Brown & Co.	Do.
F. B. Squire.....	WFU	300, 600	PG	Jenkins S. S. Co.	Do.
F. D. Asche.....	KSUA	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Federal.....	WDOO	300, 600	PG	U. S. S. B.	S. O. R. S.
Federal Bridge.....	KOCN	300, 450, 600	PG	.....do.....	Do.
Felix Taussig.....	KXZ	300, 600	PG	Crowell & Thurlow S. S. Co.	—
Feitore.....	KFG	300, 450, 600	PG	Ore S. S. Corp.	R. C. of A.
Fernandina.....	WTIA	300, 600	PG	U. S. S. B.	S. O. R. S.
Finback.....	KEMQ	300, 600	PG	American Arctic Corp.	I. W. T. Co.
Finland.....	KSF	300, 600	PG	International Mercantile Marine Co.	—
Firmore.....	KDX	300, 450, 600	PG	Ore S. S. Corp.	R. C. of A.
Firthcliffe.....	KITF	300, 600	PG	U. S. S. B.	S. O. R. S.
Fish Canners No. 1.....	KDAK	300, 600	PG	Fish Canners Co.	—
Fishers Island.....	KUPZ	300, 600	PG	U. S. S. B.	Owner of vessel.
Fish Hawk.....	WKIA	300, 600	PG	Fishhawk Co.	I. W. T. Co.
Fishkill.....	KULF	300, 600	PG	U. S. S. B.	—

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
F. J. Luckenbach.....	WNZ	300, 450, 525, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
Flavel.....	WQUI	300, 600	PG	U. S. S. B.	Do.
Florence Luckenbach.....	WNM	300, 600	PG	Luckenbach S. S. Co.	Do.
Florence Olson.....	WPK	300, 600	PG	Oliver J. Olson.....	R. C. of A.
Florida.....	KUS	300, 450, 600	PG	Texas Co.	Do.
Florida.....	WJJ	300, 600	PG	Goodrich Transit Co.	Do.
Floridian.....	WLR	300, 450, 600	PG	American-Hawaiian S. S. Co.	Do.
Fluor Spar.....	KIQX	300, 600	PG	U. S. S. B.	Do.
Folsom.....	WQOO	300, 600	PG	....do.....	S. O. R. S.
Fonduco.....	KNUA	300, 600	PG	....do.....	R. C. of A.
Fordonian.....	KRU	300, 600	PG	American-Mediterranean S. S. Co.	S. O. R. S.
Forster.....	KKIE	300, 600	PG	U. S. S. B.	S. O. R. S.
Fort Armstrong.....	KUKF	300, 600	PG	....do.....	Do.
Fort Bragg.....	WLH	300, 600	PG	Charles H. Higgins.....	R. C. of A.
Fort George.....	KBIA	300, 600	PG	U. S. S. B.	I. W. T. Co.
Fort Harrison.....	WNOI	300, 600	PG	....do.....	S. O. R. S.
Fort Leavenworth.....	KEPB	300, 600	PG	....do.....	R. C. of A.
Fort Logan.....	KIQJ	300, 600	PG	....do.....	Do.
Fort Pierce.....	WJUA	300, 600	PG	....do.....	S. O. R. S.
Fort Pitt Bridge.....	KWB	300, 600	PG	....do.....	I. W. T. Co.
Fort Riley.....	WNOE	300, 600	PG	....do.....	R. C. of A.
Fort Russell.....	WNOU	300, 600	PG	....do.....	S. O. R. S.
Fort Scott.....	KEBJ	300, 600	PG	....do.....	R. C. of A.
Fort Seward.....	KEVJ	300, 600	PG	....do.....	Do.
Fort Sill.....	KEBL	300, 600	PG	....do.....	S. O. R. S.
Fort Smith.....	KEBK	300, 600	PG	....do.....	R. C. of A.
Fort Snelling.....	WNNO	300, 600	PG	....do.....	S. O. R. S.
Fort Stevens.....	KEBG	300, 600	PG	....do.....	R. C. of A.
Fort Wayne.....	WDOU	300, 600	PG	....do.....	Do.
Fort Worth.....	KLD	300, 600	PG	....do.....	Do.
Fort Wright.....	KTEO	300, 600	PG	....do.....	Do.
Fourth Alabama.....	KIXJ	300, 600	PG	....do.....	Do.
F. Q. Barstow.....	KNQ	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Frank H. Buck.....	WTO	300, 600, 1800	PG	Associated Oil Co.	F. T. Co.
Franklin.....	WFF	300, 450, 600	PG	Coastwise Transporta- tion Co.	R. C. of A.
Franklin County.....	KOTV	300, 450, 600	PG	U. S. S. B.	I. W. T. Co.
Fred Baxter.....	WOG	300, 600	PG	Fred Baxter S. S. Co.	Owner of vessel.
Frederic R. Kellogg.....	WIQ	300, 600	PG	Pan-American Petro- leum & Transport Co.	R. C. of A.
Fred'k Luckenbach.....	KGV	300, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
Fred W. Weller.....	KNY	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Freedom.....	KFW	300, 600	PG	U. S. S. B.	Do.
Freeman.....	WMM	300, 600	PG	Pocahontas Fuel Co.	Do.
Freeport Sulphur No. 1.....	KRA	300, 600	PG	Freeport Sulphur Transportation Co.	Do.
Freeport Sulphur No. 2.....	KRG	300, 600	PG	....do.....	Do.
Freeport Sulphur No. 5.....	KUMK	300, 600	PG	....do.....	Do.
Freeport Sulphur No. 6.....	KUNP	300, 600	PG	....do.....	Do.
Fresno.....	KTIO	300, 600	PG	U. S. S. B.	Do.
Frieda.....	KFF	300, 440, 525, 600	PG	Union Sulphur Co.	S. O. R. S.
Fueloil.....	KUQB	300, 600	PG	Pan-American Petro- leum & Transport Co.	R. C. of A.
Gaffney.....	KICR	300, 600	PG	U. S. S. B.	S. O. R. S.
G. A. Flagg.....	WZEI	300, 600	PG	Boland & Cornelius S. S. Corp.	I. W. T. Co.
Galahad.....	KEQR	300, 600	PG	U. S. S. B.	Do.
Galesburg.....	WGAE	300, 600	PG	....do.....	
Ganeri.....	KERL	300, 600	PG	....do.....	
Garfield.....	WQOE	300, 600	PG	Grace S. S. Co.	
Gargoyle.....	KRK	300, 450, 600	PG	Union Petroleum S. S. Co.	R. C. of A.
Garibaldi.....	KROU	300, 600	PG	U. S. S. B.	Do.
Gene Crawley.....	KQF	300, 600	PG	Sinclair Gulf Corp.	Do.
General G. W. Goethals.....	KMZ	300, 600	PG	Panama R. R. Co.	Owner of vessel.
General H. F. Hodges.....	KPG	300, 600	PG	....do.....	Do.
General O. H. Ernst.....	KPF	300, 600	PG	....do.....	Do.
General W. C. Gorgas.....	KIP	300, 600	PG	....do.....	Do.
Genesee.....	KIDL	300, 450, 600	PG	W. K. Vanderbilt, Jr.	Do.
George B. MacKenzie.....	KUNT	300, 600	PG	American Bauxite Co.	R. C. of A.

26 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
George E. Paddleford.....	WIV	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
George G. Henry.....	WIT	300, 600	PG	.....do.....	Do.
Geo. H. Jones.....	KIPS	300, 600	PG	Standard Oil Co. of N. J.	Do.
George W. Barnes.....	KMUI	300, 600	PG	Pan-American Petroleum & Transport Co.	Do.
Georgia.....	KUR	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Georgia.....	WFA	300, 600	PG	Goodrich Transit Co.	R. C. of A.
Georgina Ralph.....	KETX	300, 600	PG	Ralph Navigation & Coal Co.	Owner of vessel.
Glendola.....	KFAI	300, 600	PG	U. S. S. B.....	R. C. of A.
Glendoyie.....	KFAO	300, 600	PG	.....do.....	I. W. T. Co.
Glenpool.....	KOH	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Glen Ridge.....	KIRZ	300, 600	PG	U. S. S. B.....	Do.
Glen White.....	KSIE	300, 600	PG	Castner, Curran & Bullitt.	Do.
Glorieta.....	KJQ	300, 450, 600	PG	Munisla S. S. Corp.....	Do.
Gloucester.....	KQG	300, 450, 600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Glymont.....	KEXZ	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Glyndon.....	KEZQ	300, 600	PG	Glyndon S. S. Corp.....	Do.
Gold Shell.....	WIB	300, 450, 600	PG	Gold Shell S. S. Co.....	Do.
Gonzalis.....	KOBQ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Goodspeed.....	WKEO	300, 600	PG	.....do.....	Do.
Goree.....	WLII	300, 600	PG	.....do.....	R. C. of A.
Governor.....	WGR	300, 450, 600	PG	Pacific S. S. Co.....	Do.
Governor Brooks.....	KPZ	300, 450, 600	PG	France & Canada S. S. Corp.	Do.
Governor Cobb.....	KRB	300, 600	PG	Eastern S. S. Lines.....	Do.
Governor Dingley.....	KRV	300, 600	PG	.....do.....	Do.
Governor John Lind.....	WREU	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Grand Haven.....	KEXR	300, 600	PG	Grand Trunk Car Ferry Line.	R. C. of A.
Gratia.....	KIGP	300, 450, 600	PG	Gratia Navigation Co.....	Do.
Gray Eagle.....	KEZT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Grayling.....	KEVL	300, 600	PG	.....do.....	I. W. T. Co.
Great Falls.....	KUFK	300, 600	PG	.....do.....	R. C. of A.
Grebe.....	KUMJ	300, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Grecian.....	KQR	300, 450, 600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Greenland.....	KUPG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Greenwood.....	WLL	300, 600	PG	Greenwood S. S. Co.....	I. W. T. Co.
Guantanamo.....	KWN	300, 450, 600	PG	New York & Cuba Mail S. S. Co.....	Do.
Guardian.....	WGZ	300, 600	PG	Central & South American Teleg. Co.	Owner of vessel
Guardsman.....	KIVX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Guaro.....	WJV	300, 600	PG	.....do.....	Do.
Guilford.....	KEMF	300, 600	PG	.....do.....	S. O. R. S.
Guimba.....	WJIE	300, 600	PG	.....do.....	Do.
Gulfcoast.....	KUE	300, 600	PG	Gulf Refining Co.....	R. C. of A.
Gulfland.....	KUD	300, 600	PG	.....do.....	I. W. T. Co.
Gulfflight.....	KUA	300, 600	PG	.....do.....	R. C. of A.
Gulfmaid.....	KUB	300, 450, 600	PG	.....do.....	Do.
Gulf of Mexico.....	KUC	300, 450, 600	PG	.....do.....	Do.
Gulffoil.....	KTG	300, 600	PG	.....do.....	I. W. T. Co.
Gulfport.....	KREE	300, 600	PG	Freeport-Tampico Fuel Oil Transportation Corp.	R. C. of A.
Gulf Queen.....	KVS	300, 600	PG	Gulf Refining Co.....	I. W. T. Co.
Gulfstream.....	KTB	300, 600	PG	.....do.....	Do.
Gulftrade.....	KOVB	300, 600	PG	.....do.....	Do.
Gunston Hall.....	KICV	300, 600	PG	U. S. S. B.....	Do.
Haddon.....	KIRN	300, 600	PG	.....do.....	S. O. R. S.
Hadnot.....	KOGP	300, 600	PG	.....do.....	Do.
Hagan.....	KOQC	300, 600	PG	.....do.....	I. W. T. Co.
Hagood.....	KOQD	300, 600	PG	.....do.....	S. O. R. S.
Hahatonka.....	KUPF	300, 600	PG	.....do.....	I. W. T. Co.
Hahira.....	KUZC	300, 600	PG	.....do.....	S. O. R. S.
Halcyon.....	KZL	300, 450, 600	P	Dutee W. Flint.....	Owner of vessel.
Haleakala.....	KORL	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Half Moon.....	KUVX	300, 600	PG	.....do.....	R. C. of A.
Hamilton.....	KOA	300, 450, 600	PG	Old Dominion S. S. Co.	

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Hamlin.....	KOJC	300, 600	PG	U. S. S. B.....	R. C. of A.
Hampden.....	WXUI	300, 600	PG	Coastwise Transportation Co.	Do.
Hampton Roads.....	KESR	300, 600	PG	Baltimore Dry Dock & S. B. Co.	
Hancock County.....	KORT	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Hanover.....	KOJK	300, 600	PG	.....do.....	Do.
Harish.....	WSIE	300, 600	PG	.....do.....	R. C. of A.
Harold Walker.....	WIX	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	
Harry Farnum.....	KQAA	300, 450, 600	PG	Sinclair Gulf Corp.....	Do.
Harry Luckenbach.....	KIGS	300, 600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Harry W. Croft.....	WQF	300, 600	PG	Harvey H. Brown & Co.	R. C. of A.
Hartford.....	KOSX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Hartwood.....	KEVR	300, 600	PG	Hart-Wood Lumber Co.	Owner of vessel.
Harvey H. Brown.....	WQE	300, 600	PG	Castner, Curran & Bullitt.	R. C. of A.
Haslehurst.....	KOXB	300, 600	PG	U. S. S. B.....	Do.
Hastnai.....	KUVP	300, 600	PG	National Oil Transport Co.	
Hatchie.....	KIVJ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Hathaway.....	KODK	300, 600	PG	.....do.....	R. C. of A.
Hatteras.....	WNV	300, 450, 600	PG	.....do.....	I. W. T. Co.
Hattie Luckenbach.....	WNF	300, 600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Haverhill.....	WLUE	300, 600	PG	U. S. S. B.....	Do.
Havilah.....	KUJK	300, 450, 600	PG	.....do.....	I. W. T. Co.
Hawaiian.....	WKU	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Hawarden.....	KUPX	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Baxtum.....	KUTB	300, 600	PG	.....do.....	Do.
Hayden.....	KUZP	300, 600	PG	.....do.....	Do.
H. C. Cadmus.....	KVT	300, 450, 600	PG	Neptune Line.....	Do.
H. C. Folger.....	KHS	300, 450, 600	PG	Atlantic Refining Co.	Do.
Heffron.....	WBAI	300, 600	PG	U. S. S. B.....	S. O. R. S.
Hegira.....	KIDF	300, 600	PG	.....do.....	R. C. of A.
Heien.....	KZHH	300, 600	PG	Bull Insular S. S. Co.....	I. W. T. Co.
Henry Clay.....	KESZ	300, 600	PG	U. S. S. B.....	Do.
Henry County.....	KOMS	300, 450, 600	PG	American S. B. Co.....	Do.
Henry J. Biddle.....	WOW	300, 600	PG	California & Hawaiian Sugar Refining Co.	Owner of vessel.
Henry M. Flagler.....	KOX	300, 600	PG	Florida East Coast Car Ferry Co.	R. C. of A.
Henry R. Mallory.....	KEF	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Henry Steers.....	KURR	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Herbert G. Wylie.....	WIF	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Herbert L. Pratt.....	KOY	300, 600	PG	Atlantic Refining Co.	
Hercules.....	KOCT	300, 600	PG	Rolph Navigation & Coal Co.	Do.
Heredia.....	KDH	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Herman Winter.....	WDAO	300, 600	PG	Eastern S. S. Lines....	R. C. of A.
Hermosa.....	WBP	300, 500, 600	PR	Wilmington Transportation Co.	Do.
Heron.....	KUDF	300, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Hewitt.....	KIL	300, 600	PG	Union Sulphur Co.....	S. O. R. S.
H. F. Dimock.....	KEN	300, 450, 600	PG	Eastern S. S. Lines....	R. C. of A.
H. H. Rogers.....	KSI	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Hickman.....	WFOA	300, 600	PG	U. S. S. B.....	Do.
Hico.....	KECK	300, 600	PG	.....do.....	Do.
Higho.....	KUBV	300, 600	PG	.....do.....	Do.
Hillsborough County.....	KIKB	300, 600	PG	.....do.....	S. O. R. S.
Hilton.....	KZK	300, 600	PG	A. H. Bull S. S. Co....	I. W. T. Co.
Himoto.....	KILC	300, 600	PG	U. S. S. B.....	R. C. of A.
Hinckley.....	KURB	300, 600	PG	.....do.....	S. O. R. S.
Hisko.....	WQD	300, 600	PG	.....do.....	R. C. of A.
H. M. Flager.....	KER	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
H. M. Whitney.....	WPV	300, 600	PG	Whitney S. S. Co.....	R. C. of A.
Hog Island.....	KODV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Hokah.....	WJAE	300, 600	PG	.....do.....	Do.
Holbrook.....	WQII	300, 600	PG	.....do.....	R. C. of A.
Holden Evans.....	KMY	300, 450, 600	PG	Holden Evans S. S. Co.	
Hollywood.....	WKH	300, 440, 525 600	PG	Hollywood S. S. Co....	

28 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Holyoke Bridge.....	KUCJ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Homer.....	KUMG	300, 600	PG	D. J. Hanlon.....	S. O. R. S.
Homestead.....	KEKR	300, 600	PG	U. S. S. B.....	S. O. R. S.
Homedagga.....	KUXZ	300, 600	PG	.....do.....	R. C. of A.
Honolulu.....	WMZ	300, 600	PG	.....do.....	Do.
Hoosac.....	WQAU	300, 600	PG	.....do.....	R. C. of A.
Horace X. Baxter.....	WOF	300, 600	PG	Horace X. Baxter S. S. Co.	Do.
Horado.....	KECT	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Houma.....	WTUO	300, 600	PG	.....do.....	Do.
Hoven.....	KEXV	300, 600	PG	.....do.....	Do.
Howard.....	KQH	300, 450, 600	PG	Merchants & Miners Transportation Co.	Do.
Howick Hall.....	KLT	300, 600	PG	U. S. Steel Products Co.	R. C. of A.
Hoxbar.....	KIJQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Hoxie.....	KEMK	300, 600	PG	.....do.....	R. C. of A.
Hugoton.....	KIQR	300, 600	PG	.....do.....	Do.
Huguenot.....	KIVQ	300, 600	PG	.....do.....	I. W. T. Co.
Hukey.....	KIFC	300, 600	PG	.....do.....	R. C. of A.
Hulaco.....	KODQ	300, 600	PG	.....do.....	I. W. T. Co.
Hulver.....	KIGD	300, 600	PG	.....do.....	S. O. R. S.
Humaconna.....	KIGC	300, 600	PG	.....do.....	R. C. of A.
Humboldt.....	WHX	300, 600	PG	James Jerome.....	Do.
Humrick.....	KIFN	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Huron.....	KVH	300, 450, 600	PG	Clyde S. S. Co.	R. C. of A.
Huron.....	KUSD	300, 450, 600	PG	U. S. S. B.....	Do.
Hutchinson.....	KUJP	300, 600	PG	.....do.....	I. W. T. Co.
Hyades.....	WMK	300, 450, 600	PG	Matson Navigation Co.	R. C. of A.
Hyannis.....	KINC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Ice King.....	KJUA	300, 600	PG	.....do.....	Do.
Iceland.....	KOKK	300, 600	PG	.....do.....	S. O. R. S.
Iconium.....	WQUO	300, 600	PG	.....do.....	Do.
Ida.....	WLV	300, 450, 600	PG	.....do.....	R. C. of A.
Idaho.....	WOO	300, 600	PG	Henry Wilson.....	Do.
I. D. Fletcher.....	KFI	300, 600	PG	Coast Transit Co.	Do.
I. J. Merritt.....	KOVZ	300, 600	PG	Merritt & Chapman Derrick & Wrecking Co.	Do.
Illinois.....	WCZ	300, 600	PG	Northern Michigan Transpn. Co.	Do.
Imlay.....	KIZV	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Imufka.....	KEDS	300, 600	PG	.....do.....	R. C. of A.
Inco No. I.....	WQA	300, 450, 600	PG	Inland Navigation Co.	Do.
Independence.....	WJIO	300, 600	PG	U. S. S. B.....	S. O. R. S.
Independent Bridge.....	KOGB	300, 600	PG	.....do.....	R. C. of A.
Indiana.....	WFC	300, 600	PG	Goodrich Transit Co.	Do.
Indiana Bridge.....	KOND	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Indiana Harbor.....	KUBS	300, 600	PG	.....do.....	Do.
Indianapolis.....	WROE	300, 600	PG	.....do.....	R. C. of A.
Ingold.....	WLUU	300, 600	PG	.....do.....	Do.
Innoko.....	KITJ	300, 600	PG	.....do.....	I. W. T. Co.
Inspector.....	KOKR	300, 600	PG	.....do.....	R. C. of A.
Intan.....	KIGK	300, 600	PG	.....do.....	Do.
Invincible.....	WCII	300, 600	PG	.....do.....	I. W. T. Co.
Iowan.....	WKJ	300, 600	PG	American-Hawaiian S. S. Co.	R. C. of A.
Ipswich.....	KILV	300, 500	PG	Shawmut S. S. Co.	Owner of vessel.
Iris.....	WOJ	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Iroquois.....	KVF	300, 450, 600	PG	Clyde S. S. Co.	I. W. T. Co.
Iroquois.....	KUTQ	300, 600	PG	Puget Sound Navigation Co.	R. C. of A.
Irvington.....	KOGQ	300, 600	PG	U. S. S. B.....	Do.
Isaac L. Rice.....	WKK	300, 600	PG	Electric Boat Co.	I. W. T. Co.
Isabela.....	KGW	300, 600	PG	New York & Porto Rico S. S. Co.	Do.
Isanti.....	WVEU	300, 600	PG	U. S. S. B.....	R. C. of A.
Isonomia.....	KEL	300, 600	PG	.....do.....	Transmarine Corp.
Issaqueña.....	KPIU	300, 600	PG	.....do.....	I. W. T. Co.
Italia.....	KUPB	300, 450, 600	PG	Submarine Boat Corp.	R. C. of A.
Itanca.....	WGUE	300, 600	PG	U. S. S. B.....	Do.
Itompa.....	KENR	300, 450, 600	PG	Nacirema S. S. Corp.	I. W. T. Co.
J. A. Bostwick.....	KJN	300, 450, 600	PG	Standard Oil Co. of N. J.	S. O. R. S.
Jackson.....	KIKC	300, 600	PG	U. S. S. B.....	Do.
Jacksonville.....	KOJG	300, 600	PG	.....do.....	Do.
Jacona.....	WQUU	300, 600	PG	.....do.....	Do.
Jacox.....	KEML	300, 600	PG	.....do.....	I. W. T. Co.
Jadden.....	KORM	300, 600	PG	.....do.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Jamaica.....	WLB	300, 450, 600	PG	Jamaica Navigation Co.	Owner of vessel.
James McGee.....	KTP	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
James S. Whitney.....	WPW	300, 600	PG	Acme S. S. Corp.	
James Timpson.....	WTA	300, 600	PG	Resolved Corp.	Do.
Jamestown.....	KOC	300, 450, 600	PG	Old Dominion S. S. Co.	Owner of vessel.
J. A. Moffett.....	WRE	300, 600, 1610, 1800	PG	Standard Oil Co. of Calif.	R. C. of A.
Jane Palmer.....	KPY	300, 450, 600	PG	France & Canada S. S. Corp.	Do.
Jason.....	KNJ	300, 600	PG	Jason Navigation Co.	
J. B. Stetson.....	WVUE	300, 600	PG	Pacific Mercantile Marine Co.	Do.
J. C. Donnell.....	WJM	300, 600	PG	Atlantic Refining Co.	Do.
Jean.....	KZJ	300, 600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Jeannette Skinner.....	WQW	300, 440, 525, 600	PG	U. S. S. B.	Do.
Jefferson.....	KOD	300, 450, 600	PG	Old Dominion S. S. Co.	R. C. of A.
Jefferson.....	WAJ	300, 600	PG	Alaska S. S. Co.	S. O. R. S.
Jefferson County.....	KIKF	300, 600	PG	U. S. S. B.	I. W. T. Co.
Jekyl.....	KEBS	300, 600	PG	.....do.	Do.
Jennie R. Morse.....	KUNN	300, 600	PG	.....do.	Do.
J. E. O'Neil.....	KSB	300, 600	PG	Atlantic Refining Co.	R. C. of A.
J. F. Penrose.....	KUQN	300, 450, 600	PG	National Oil Transport Co.	C. & W. R. C.
Jim Sid.....	KUZD	300, 600	PG	Gulf Barge & Towing Co.	
J. L. Luckenbach.....	KGT	300, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
J. M. Danziger.....	WIW	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
J. M. Guffey.....	KTF	300, 600	PG	Gulf Refining Co.	I. W. T. Co.
Joan of Arc.....	KETV	300, 600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Johanna Smith.....	WHZ	300, 600	PG	Coos Bay Lumber Co.	Do.
John Adams.....	KOSS	300, 600	PG	U. S. S. B.	R. C. of A.
John D. Rockefeller.....	KTO	300, 600	PG	Standard Oil Co. of N. J.	Do.
John Ena.....	KIRS	300, 600	PG	Robert Dollar Co.	
John F. Hyland.....	KUSM	300, 600	PG	City of New York, Police Department.	Owner of vessel.
John Jay.....	KUXR	300, 600	PG	U. S. S. B.	I. W. T. Co.
John M. Connolly.....	KJEI	300, 600	PG	.....do.	Do.
John P. Reiss.....	KUTM	300, 600	PG	North American S. S. Co.	R. C. of A.
John R. Gibbons.....	KURL	300, 600	PG	American Bauxite Co.	Do.
John Roach.....	KOSN	300, 600	PG	U. S. S. B.	Do.
Johnson City.....	KIKD	300, 600	PG	.....do.	I. W. T. Co.
John W. Wells.....	KOCR	300, 600	PG	Charles R. McCormick & Co.	Owner of vessel.
Jolee.....	KUVT	300, 600	PG	U. S. S. B.	
Jomar.....	KUGT	300, 600	PG	.....do.	R. C. of A.
Jonancy.....	KSEU	300, 600	PG	Pocahontas Fuel Co.	Do.
Joseph R. Parrott.....	KJP	300, 450, 600	PG	Florida East Coast Car Ferry Co.	Do.
Josiah Macy.....	KEX	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
J. R. Gordon.....	KOML	300, 600	PG	Union Sulphur Co.	S. O. R. S.
Julia Luckenbach.....	KGZ	300, 450, 525, 600	PG	Luckenbach S. S. Co.	Do.
Juneau.....	WAM	300, 550, 600	PG	Alaska S. S. Co.	Do.
Juniata.....	KQJ	300, 450, 600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Juniata.....	WCB	300, 600	PG	Great Lakes Transit Corp.	R. C. of A.
Juvigny.....	KUQX	300, 600	PG	Independent S. S. Co.	
J. W. Van Dyke.....	KHR	300, 450, 600	PG	Atlantic Refining Co.	Do.
Kaleen.....	KOKV	300, 600	PG	U. S. S. B.	
Kamchatka.....	KUJG	300, 450, 600	PG	C. L. Hibbard	Do.
Kamesit.....	KEDG	300, 600	PG	U. S. S. B.	S. O. R. S.
Kanabec.....	WMII	300, 600	PG	Kanabec S. S. Co.	R. C. of A.
Kanak.....	KOT	300, 400, 600	PG	Alaska Packers Assn.	Owner of vessel.
Kanakee.....	WVUU	300, 600	PG	U. S. R. S.	S. O. R. S.
Kanawha.....	KYA	300, 600	PG	John Borden	Owner of vessel.
Kangi.....	WRUA	300, 600	PG	U. S. S. B.	S. O. R. S.
Karina.....	KYR	300, 600	P	France & Canada S. S. Co.	

30 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Kasota.....	KPAO	300, 600	PG	U. S. S. B.....	R. C. of A.
Katherine.....	KIZK	300, 450, 600	PG	Philippine Vegetable Oil Co.	Do.
Katia.....	KZUA	300, 600	PG	Katia S. S. Corp.....	
Katomah.....	KERD	300, 600	PG	U. S. S. B.....	S. O. R. S.
Katrina Luckenbach.....	KWU	300, 600	PG	Luckenbach S. S. Co.	Do.
Kawah.....	KOKL	300, 600	PG	U. S. S. B.....	R. C. of A.
Kayseeka.....	KOQZ	300, 600	PG	.....do.....	I. W. T. Co.
Kearny.....	KOPR	300, 600	PG	.....do.....	S. O. R. S.
Kehuku.....	KUPV	300, 450, 600	PG	.....do.....	I. W. T. Co.
Keketticut.....	KZEA	300, 600	PG	.....do.....	Do.
Kenoshā.....	KPIA	300, 600	PG	.....do.....	S. O. R. S.
Kenowis.....	KOSV	300, 600	PG	.....do.....	R. C. of A.
Kentuckian.....	WKE	300, 600	PG	American - Hawaiian S. S. Co.	Owner of vessel.
Keota.....	WXAU	300, 600	PG	U. S. S. B.....	S. O. R. S.
Keresan.....	WJC	300, 600	PG	Kerr Navigation Corp.	R. C. of A.
Keresaspa.....	KQI	300, 600	PG	American Ship & Commerce Navigation Corp.	Do.
Kerhonkson.....	KUJF	300, 600	PG	U. S. S. B.....	Do.
Kerkenna.....	WPJ	300, 600	PG	Kerr Navigation Corp.	Do.
Kerlew.....	KQP	300, 600	PG	.....do.....	Do.
Kermanshah.....	KLX	300, 450, 600	PG	.....do.....	Do.
Kermitt.....	WMV	300, 600	PG	U. S. S. B.....	Do.
Kermoor.....	WJB	300, 600	PG	Kerr Navigation Corp.	Do.
Kerowlee.....	WGW	300, 600	PG	American Ship & Commerce Navigation Corp.	Do.
Kershaw.....	KQK	300, 450, 600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Keshena.....	KITR	300, 600	PG	U. S. S. B.....	
Ketchikan.....	WAE	300, 600	PG	Alaska S. S. Co.....	S. O. R. S.
Kewanee.....	KIVC	300, 600	PG	U. S. S. B.....	Do.
Kickapoo.....	KVEO	300, 600	PG	.....do.....	Do.
Kilkenny.....	KKI	300, 450, 600	PG	Department of Commerce.	Owner of vessel.
K. I. Luckenbach.....	KHY	300, 600	PG	Luckenbach S. S. Corp	S. O. R. S.
Kimta.....	KIFS	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Kineo.....	KPUI	300, 600	PG	.....do.....	R. C. of A.
Kingfisher.....	KMAO	300, 600	PG	East Coast Fisheries Co	Owner of vessel.
Kingfisher.....	KOQR	300, 600	PG	Kingfisher Co.....	Do.
Kiokee.....	KITS	300, 600	PG	U. S. S. B.....	
Kiowa.....	KRL	300, 600	PG	Atlantic, Gulf & West Indies S. S. Lines.	
Kiron.....	KITT	300, 600	PG	U. S. S. B.....	
Kishacoquillas.....	KIFJ	300, 600	PG	.....do.....	S. O. R. S.
Kisnosp.....	KIJK	300, 600	PG	.....do.....	R. C. of A.
Kitchi.....	KITV	300, 600	PG	.....do.....	
Kittegaun.....	KITG	300, 600	PG	.....do.....	S. O. R. S.
Klamath.....	WMOU	300, 600	PG	.....do.....	R. C. of A.
Klamath.....	WSX	300, 600	PG	Klamath S. S. Co.....	Do.
Knoxville.....	KIJN	300, 600	PG	U. S. S. B.....	S. O. R. S.
Kokomo.....	KEJB	300, 600	PG	.....do.....	R. C. of A.
Kolda.....	KOKX	300, 600	PG	.....do.....	
Kootenai.....	KOGF	300, 450, 600	PG	.....do.....	Do.
Kosciuszko.....	KZUE	300, 600	PG	.....do.....	Do.
Krakow.....	WJH	300, 450, 600	PG	.....do.....	Do.
Kroonland.....	KSH	300, 600	PG	International Mercantile Marine Co.	I. W. T. Co.
Kusdeca.....	WGUO	300, 600	PG	U. S. S. B.....	S. O. R. S.
Kuwa.....	WCEE	300, 400, 600	PG	.....do.....	I. W. T. Co.
Kvichak.....	WNS	300, 400, 600	PG	Alaska Packers Assn.	Owner of vessel.
Labette.....	KIZX	300, 600	PG	U. S. S. B.....	S. O. R. S.
Laborer.....	KIST	300, 600	PG	.....do.....	I. W. T. Co.
La Brea.....	WON	300, 600, 1, 800	PG	Union Oil Co.....	F. T. Co.
Lackawanna.....	KOP	300, 450, 600	PG	Lackawanna S. S. Co.	R. C. of A.
Lackawanna Bridge.....	KOGC	300, 600	PG	U. S. S. B.....	Do.
Lackawanna Valley.....	KIXD	300, 600	PG	.....do.....	Do.
La Crosse.....	KONM	300, 600	PG	.....do.....	Do.
Lafcomo.....	KIXK	300, 600	PG	.....do.....	S. O. R. S.
La Forge.....	WGAU	300, 600	PG	.....do.....	I. W. T. Co.
Lake Agomak.....	KZEU	300, 600	PG	.....do.....	S. O. R. S.
Lake Akkra.....	KVUE	300, 600	PG	.....do.....	I. W. T. Co.
Lake Allen.....	KLEI	300, 600	PG	.....do.....	R. C. of A.
Lake Alvada.....	KXAA	300, 600	PG	.....do.....	Do.
Lake Annette.....	KKOE	300, 450, 600	PG	.....do.....	S. O. R. S.
Lake Arline.....	KZOE	300, 600	PG	.....do.....	I. W. T. Co.
Lake Arthur.....	WFL	300, 600	PG	.....do.....	R. C. of A.
Lake Aurice.....	KZIA	300, 600	PG	.....do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Beacon.....	WTAA	300, 450, 600	PG	U. S. S. B	R. C. of A.
Lake Belmona.....	KZII	300, 600	PG	.....do.....	Do.
Lake Benbow.....	KVAE	300, 600	PG	.....do.....	I. W. T. Co.
Lake Benton.....	KSIU	300, 600	PG	.....do.....	Do.
Lake Berdan.....	KZEE	300, 600	PG	.....do.....	Do.
Lake Blanchester.....	KTIU	300, 600	PG	.....do.....	S. O. R. S.
Lake Bledsoe.....	KTUE	300, 600	PG	.....do.....	Do.
Lake Bridge.....	KBAI	300, 600	PG	.....do.....	I. W. T. Co.
Lake Buckeye.....	WSEU	300, 600	PG	.....do.....	R. C. of A.
Lake Butler.....	WFN	300, 600	PG	.....do.....	Do.
Lake Cahoon.....	WKEE	300, 600	PG	.....do.....	I. W. T. Co.
Lake Calistoga.....	KXIU	300, 600	PG	.....do.....	S. O. R. S.
Lake Callicoon.....	WNAO	300, 450, 600	PG	.....do.....	Do.
Lake Canaveral.....	KIDS	300, 600	PG	.....do.....	Do.
Lake Candelaria.....	KIIB	300, 600	PG	.....do.....	Do.
Lake Cannonsburg.....	KIMV	300, 600	PG	.....do.....	Do.
Lake Capens.....	KLUA	300, 600	PG	.....do.....	I. W. T. Co.
Lake Cathcoon.....	WLEO	300, 600	PG	.....do.....	R. C. of A.
Lake Catherine.....	KSII	300, 600	PG	.....do.....	S. O. R. S.
Lake Cayuga.....	KLUI	300, 450, 600	PG	.....do.....	R. C. of A.
Lake Charles.....	KHW	300, 600	PG	.....do.....	S. O. R. S.
Lake Charlotte.....	KQE0	300, 600	PG	.....do.....	I. W. T. Co.
Lake Charlottesville.....	WNEA	300, 600	PG	.....do.....	R. C. of A.
Lake Chelan.....	KQUO	300, 600	PG	.....do.....	S. O. R. S.
Lake Clear.....	KLEO	300, 600	PG	.....do.....	Do.
Lake Como.....	KLIE	300, 600	PG	.....do.....	Do.
Lake Conesus.....	KSAO	300, 600	PG	.....do.....	R. C. of A.
Lake Copley.....	WKAU	300, 600	PG	.....do.....	I. W. T. Co.
Lake Crescent.....	WAP	300, 600	PG	.....do.....	R. C. of A.
Lake Crystal.....	KLAO	300, 600	PG	.....do.....	Do.
Lake Dancey.....	KZEO	300, 600	PG	.....do.....	R. C. of A.
Lake Daraga.....	KRIA	300, 600	PG	.....do.....	I. W. T. Co.
Lake Delancey.....	KXAE	300, 450, 600	PG	.....do.....	S. O. R. S.
Lake Desha.....	WTAE	300, 600	PG	.....do.....	R. C. of A.
Lake Deval.....	WKEA	300, 600	PG	.....do.....	Do.
Lake Duncan.....	KSOO	300, 600	PG	.....do.....	S. O. R. S.
Lake Dunmore.....	KBEI	300, 600	PG	.....do.....	I. W. T. Co.
Lake Dymer.....	KZEI	300, 600	PG	.....do.....	R. C. of A.
Lake Eckhart.....	KSOE	300, 600	PG	.....do.....	S. O. R. S.
Lake Elhko.....	KTAI	300, 600	PG	.....do.....	Do.
Lake Elizabeth.....	WOP	300, 600	PG	.....do.....	Do.
Lake Elkwater.....	KEPM	300, 600	PG	.....do.....	Do.
Lake Elkwood.....	KENP	300, 600	PG	.....do.....	Do.
Lake Ellendale.....	KEPN	300, 600	PG	.....do.....	I. W. T. Co.
Lake Ellenorah.....	KEPP	300, 600	PG	.....do.....	S. O. R. S.
Lake Ellerslie.....	KEQM	300, 600	PG	.....do.....	I. W. T. Co.
Lake Elliscott.....	KEQN	300, 600	PG	.....do.....	Do.
Lake Ellijay.....	KOBL	300, 600	PG	.....do.....	S. O. R. S.
Lake Ellithorpe.....	KOFM	300, 600	PG	.....do.....	I. W. T. Co.
Lake Ellisbury.....	KOFP	300, 600	PG	.....do.....	R. C. of A.
Lake Ellswrth.....	KOZC	300, 600	PG	.....do.....	S. O. R. S.
Lake Elmdale.....	KOLR	300, 600	PG	.....do.....	R. C. of A.
Lake Elmhurst.....	KOFQ	300, 600	PG	.....do.....	Do.
Lake Elmont.....	KOQG	300, 600	PG	.....do.....	S. O. R. S.
Lake Elmsford.....	KOVG	300, 600	PG	.....do.....	R. C. of A.
Lake Elmwood.....	KOZT	300, 450, 600	PG	.....do.....	S. O. R. S.
Lake Elon.....	KOBZ	300, 600	PG	.....do.....	Do.
Lake Elpueblo.....	KOVF	300, 600	PG	.....do.....	R. C. of A.
Lake Elrlo.....	KOKQ	300, 600	PG	.....do.....	Do.
Lake Elsah.....	KOSR	300, 450, 600	PG	.....do.....	S. O. R. S.
Lake Elsinore.....	KRII	300, 600	PG	.....do.....	Do.
Lake Elsmere.....	KONT	300, 450, 600	PG	.....do.....	I. W. T. Co.
Lake Elva.....	KUBR	300, 450, 600	PG	.....do.....	Do.
Lake Elwin.....	KUDM	300, 450, 600	PG	.....do.....	S. O. R. S.
Lake Ennis.....	KLUO	300, 600	PG	.....do.....	R. C. of A.
Lake Fablus.....	KIPQ	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fabyan.....	KINJ	300, 600	PG	.....do.....	Do.
Lake Fackler.....	KIQP	300, 600	PG	.....do.....	Do.
Lake Fagundus.....	KISN	300, 600	PG	.....do.....	S. O. R. S.
Lake Fairfax.....	KIRV	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fairlie.....	KISP	300, 600	PG	.....do.....	Do.
Lake Fairport.....	KOGR	300, 600	PG	.....do.....	S. O. R. S.
Lake Falama.....	KITB	300, 600	PG	.....do.....	Do.
Lake Falun.....	KOTB	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fanbush.....	KEJN	300, 600	PG	.....do.....	Do.
Lake Fandango.....	KOVL	300, 600	PG	.....do.....	S. O. R. S.
Lake Fandon.....	KOVS	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fannin.....	KECN	300, 600	PG	.....do.....	Do.
Lake Fanquier.....	KEKN	300, 600	PG	.....do.....	I. W. T. Co.

32 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Fansdale.....	KEKMM	300, 600	PG	U. S. S. B	S. O. R. S.
Lake Farabee.....	KEBP	300, 600	PG	.....do.....	R. C. of A.
Lake Farber.....	KIRB	300, 600	PG	.....do.....	S. O. R. S.
Lake Faresman.....	KEVZ	300, 600	PG	.....do.....	Do.
Lake Farge.....	WLEA	300, 600	PG	.....do.....	I. W. T. Co.
Lake Faribault.....	KEDM	300, 600	PG	.....do.....	S. O. R. S.
Lake Faristell.....	WLEE	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fariston.....	KEDN	300, 600	PG	.....do.....	R. C. of A.
Lake Farley.....	KEDP	300, 600	PG	.....do.....	S. O. R. S.
Lake Farlin.....	KIGM	300, 600	PG	.....do.....	R. C. of A.
Lake Farmingdale.....	KIPZ	300, 600	PG	.....do.....	S. O. R. S.
Lake Farragut.....	KIQN	300, 600	PG	.....do.....	R. C. of A.
Lake Farrar.....	KISX	300, 600	PG	.....do.....	Do.
Lake Faulk.....	KEJP	300, 600	PG	.....do.....	Do.
Lake Favonia.....	KOJP	300, 600	PG	.....do.....	I. W. T. Co.
Lake Faxon.....	KOLJ	300, 600	PG	.....do.....	R. C. of A.
Lake Fear.....	KIVM	300, 600	PG	.....do.....	S. O. R. S.
Lake Felden.....	KOLK	300, 450, 600	PG	.....do.....	R. C. of A.
Lake Fenn.....	KOTT	300, 600	PG	.....do.....	I. W. T. Co.
Lake Feedora.....	KUBT	300, 600	PG	.....do.....	Do.
Lake Fernalda.....	KOPB	300, 600	PG	.....do.....	Do.
Lake Fernando.....	KELM	300, 600	PG	.....do.....	Do.
Lake Fernwood.....	KDEA	300, 600	PG	.....do.....	S. O. R. S.
Lake Ferrona.....	KELN	300, 600	PG	.....do.....	R. C. of A.
Lake Fessenden.....	KELP	300, 600	PG	.....do.....	S. O. R. S.
Lake Festimia.....	KEQP	300, 600	PG	.....do.....	S. O. R. S.
Lake Festus.....	KERM	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fibre.....	KERN	300, 600	PG	.....do.....	Do.
Lake Fielding.....	KERP	300, 600	PG	.....do.....	Do.
Lake Fife.....	KESM	300, 600	PG	.....do.....	R. C. of A.
Lake Figart.....	KESN	300, 600	PG	.....do.....	S. O. R. S.
Lake Fighting.....	KESP	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fibert.....	KONV	300, 600	PG	.....do.....	S. O. R. S.
Lake Fillion.....	KOPV	300, 600	PG	.....do.....	Do.
Lake Fillmore.....	KUCZ	300, 600	PG	.....do.....	R. C. of A.
Lake Fiscus.....	KOOG	300, 600	PG	.....do.....	S. O. R. S.
Lake Fisher.....	KODD	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fitch.....	KOJQ	300, 450, 600	PG	.....do.....	Do.
Lake Fithian.....	KOKZ	300, 600	PG	.....do.....	Do.
Lake Flag.....	KUMX	300, 600	PG	.....do.....	R. C. of A.
Lake Flagon.....	KIXT	300, 600	PG	.....do.....	I. W. T. Co.
Lake Flagstaff.....	KIZM	300, 600	PG	.....do.....	Do.
Lake Flambeau.....	KIZN	300, 600	PG	.....do.....	Do.
Lake Flanders.....	KOGT	300, 600	PG	.....do.....	R. C. of A.
Lake Flatonia.....	KOGS	300, 600	PG	.....do.....	S. O. R. S.
Lake Flattery.....	KOMC	300, 600	PG	.....do.....	R. C. of A.
Lake Floravista.....	KUFC	300, 600	PG	.....do.....	Do.
Lake Florian.....	KUFD	300, 600	PG	.....do.....	Do.
Lake Floris.....	KUFF	300, 600	PG	.....do.....	Do.
Lake Flourney.....	KUFG	300, 600	PG	.....do.....	Do.
Lake Flovilla.....	KESK	300, 600	PG	.....do.....	S. O. R. S.
Lake Flume.....	KMUU	300, 600	PG	.....do.....	Do.
Lake Flushing.....	KEBV	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fluvanna.....	WLAU	300, 600	PG	.....do.....	S. O. R. S.
Lake Flynnus.....	KECV	300, 600	PG	.....do.....	R. C. of A.
Lake Folcroft.....	KEXL	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fonda.....	KEZC	300, 600	PG	.....do.....	R. C. of A.
Lake Fondulac.....	WSEO	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fontana.....	KEZD	300, 600	PG	.....do.....	R. C. of A.
Lake Fontanet.....	KEZF	300, 600	PG	.....do.....	I. W. T. Co.
Lake Forkville.....	WLEI	300, 600	PG	.....do.....	R. C. of A.
Lake Forney.....	WBUU	300, 600	PG	.....do.....	I. W. T. Co.
Lake Forsby.....	WCUA	300, 600	PG	.....do.....	R. C. of A.
Lake Fossil.....	WCUE	300, 600	PG	.....do.....	Do.
Lake Fostoria.....	WPIO	300, 600	PG	.....do.....	R. C. of A.
Lake Fouché.....	WPIU	300, 600	PG	.....do.....	I. W. T. Co.
Lake Foxboro.....	KESB	300, 600	PG	.....do.....	R. C. of A.
Lake Foxcraft.....	KEGL	300, 600	PG	.....do.....	S. O. R. S.
Lake Fraichur.....	KEJG	300, 600	PG	.....do.....	I. W. T. Co.
Lake Fraley.....	KEJJ	300, 600	PG	.....do.....	Do.
Lake Frampton.....	WCUI	300, 600	PG	.....do.....	R. C. of A.
Lake Frances.....	KTAO	300, 600	PG	.....do.....	I. W. T. Co.
Lake Franconia.....	WCUO	300, 600	PG	.....do.....	R. C. of A.
Lake Fray.....	WCUU	300, 600	PG	.....do.....	S. O. R. S.
Lake Frazee.....	WDUA	300, 600	PG	.....do.....	R. C. of A.
Lake Frecks.....	KENT	300, 600	PG	.....do.....	Do.
Lake Freeborn.....	WDUI	300, 600	PG	.....do.....	S. O. R. S.
Lake Freed.....	WDUO	300, 600	PG	.....do.....	R. C. of A.
Lake Freeland.....	WDUU	300, 600	PG	.....do.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Freezeout.....	WFUA	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Frenchton.....	WFUE	300,600	PG	.....do.....	Do.
Lake Fresco.....	WNAU	300,450,600	PG	.....do.....	Do.
Lake Friar.....	KEFN	300,600	PG	.....do.....	S. O. R. S.
Lake Frio.....	KEFP	300,600	PG	.....do.....	I. W. T. Co.
Lake Frohma.....	KEGR	300,450,600	PG	.....do.....	S. O. R. S.
Lake Frolomo.....	KEGN	300,600	PG	.....do.....	I. W. T. Co.
Lake Frugality.....	KEGP	300,600	PG	.....do.....	R. C. of A.
Lake Frumet.....	KIRJ	300,600	PG	.....do.....	Do.
Lake Fugard.....	WLEU	300,450,600	PG	.....do.....	I. W. T. Co.
Lake Furley.....	WMAA	300,600	PG	.....do.....	Do.
Lake Furlough.....	KEKP	300,600	PG	.....do.....	R. C. of A.
Lake Furnas.....	KUTV	300,600	PG	.....do.....	Do.
Lake Gadsden.....	KITP	300,600	PG	.....do.....	I. W. T. Co.
Lake Gaither.....	KOJZ	300,600	PG	.....do.....	S. O. R. S.
Lake Gakoma.....	KVOU	300,600	PG	.....do.....	R. C. of A.
Lake Galata.....	KOJI	300,600	PG	.....do.....	S. O. R. S.
Lake Galera.....	KXAI	300,600	PG	.....do.....	Do.
Lake Galewood.....	KOJX	300,600	PG	.....do.....	I. W. T. Co.
Lake Galien.....	KOJT	300,450,600	PG	.....do.....	S. O. R. S.
Lake Galisteo.....	KUGL	300,600	PG	.....do.....	Do.
Lake Ganado.....	KUMB	300,600	PG	.....do.....	R. C. of A.
Lake Gardner.....	KXEO	300,600	PG	.....do.....	I. W. T. Co.
Lake Gaspar.....	KVOI	300,450,600	PG	.....do.....	R. C. of A.
Lake Gazette.....	KIPN	300,600	PG	.....do.....	Do.
Lake Gebhart.....	KOGV	300,450,600	PG	.....do.....	Do.
Lake Gedney.....	KVUO	300,600	PG	.....do.....	S. O. R. S.
Lake Geneva.....	KXUA	300,600	PG	.....do.....	R. C. of A.
Lake George.....	KBEO	300,600	PG	.....do.....	I. W. T. Co.
Lake Gera.....	KOKS	300,600	PG	.....do.....	R. C. of A.
Lake Gert.....	KOMB	300,600	PG	.....do.....	Do.
Lake Getaway.....	KOLZ	300,600	PG	.....do.....	I. W. T. Co.
Lake Geyser.....	KULD	300,600	PG	.....do.....	Do.
Lake Giddings.....	KUCR	300,600	PG	.....do.....	I. W. T. Co.
Lake Gilboa.....	KEZJ	300,600	PG	.....do.....	R. C. of A.
Lake Gilpen.....	KEZK	300,600	PG	.....do.....	Do.
Lake Gilta.....	KEZL	300,600	PG	.....do.....	S. O. R. S.
Lake Giltedge.....	KEBM	300,600	PG	.....do.....	I. W. T. Co.
Lake Girardeau.....	KOCS	300,600	PG	.....do.....	Do.
Lake Girth.....	KEBN	300,600	PG	.....do.....	S. O. R. S.
Lake Gitano.....	KECM	300,600	PG	.....do.....	R. C. of A.
Lake Glasco.....	KINK	300,600	PG	.....do.....	S. O. R. S.
Lake Glaeus.....	KUMV	300,600	PG	.....do.....	Do.
Lake Glebe.....	KIBB	300,600	PG	.....do.....	R. C. of A.
Lake Glencoe.....	KIGB	300,600	PG	.....do.....	S. O. R. S.
Lake Gorin.....	WRIE	300,600	PG	.....do.....	I. W. T. Co.
Lake Gormania.....	WVIA	300,600	PG	.....do.....	Do.
Lake Govan.....	WVIU	300,600	PG	.....do.....	Do.
Lake Gradan.....	WSUU	300,600	PG	.....do.....	S. O. R. S.
Lake Grainger.....	KEJK	300,600	PG	.....do.....	R. C. of A.
Lake Gramma.....	KEJL	300,450,600	PG	.....do.....	Do.
Lake Grampian.....	KEKG	300,600	PG	.....do.....	I. W. T. Co.
Lake Grampus.....	KEKJ	300,600	PG	.....do.....	Do.
Lake Granby.....	KIDB	300,600	PG	.....do.....	Do.
Lake Grandon.....	WLAI	300,600	PG	.....do.....	R. C. of A.
Lake Graphite.....	WZOA	300,600	PG	.....do.....	Do.
Lake Gratis.....	WZOE	300,600	PG	.....do.....	Do.
Lake Grattan.....	WZOI	300,600	PG	.....do.....	R. C. of A.
Lake Gravella.....	WZOO	300,600	PG	.....do.....	I. W. T. Co.
Lake Gravett.....	WZOU	300,600	PG	.....do.....	S. O. R. S.
Lake Gravity.....	WBUA	300,600	PG	.....do.....	R. C. of A.
Lake Greenbrier.....	WBUE	300,600	PG	.....do.....	Do.
Lake Greenwood.....	KTOI	300,600	PG	.....do.....	S. O. R. S.
Lake Gretna.....	WBUI	300,600	PG	.....do.....	R. C. of A.
Lake Grogan.....	WBUQ	300,600	PG	.....do.....	S. O. R. S.
Lake Gunn.....	KUNC	300,600	PG	.....do.....	R. C. of A.
Lake Haresti.....	KUGN	300,600	PG	.....do.....	Do.
Lake Harminia.....	KUNB	300,600	PG	.....do.....	S. O. R. S.
Lake Harney.....	KGOE	300,600	PG	International Coal Transportation Corp.	R. C. of A.
Lake Harris.....	KXAU	300,600	PG	U. S. S. B.....	I. W. T. Co.
Lake Hector.....	KUMZ	300,600	PG	.....do.....	Do.
Lake Helen.....	KZOI	300,600	PG	.....do.....	R. C. of A.
Lake Hemlock.....	KLOE	300,600	PG	.....do.....	S. O. R. S.
Lake Hewes.....	KVUU	300,600	PG	.....do.....	Do.
Lakehurst.....	KLOI	300,600	PG	.....do.....	I. W. T. Co.

34 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Ikatan.	KUCM	300,600	PG	U. S. S. B.	
Lake Inaha.	KEFM	300,600	PG	do.	R. C. of A.
Lake Indian.	KZOO	300,600	PG	do.	S. O. R. S.
Lake Inglenook.	KOBT	300,600	PG	do.	
Lake Janet.	KFD	300,600	PG	do.	
Lake Jessup.	KHV	300,600	PG	International Coal Transportation Corp.	Do.
Lake Kyttle.	WCOU	300,600	PG	U. S. S. B.	Do.
Lakeland.	KBOU	300,600	PG	do.	R. C. of A.
Lakeeland.	WDL	300,600	PG	Tri-State S. S. Co.	Do.
Lake Larga.	KMUE	300,600	PG	U. S. S. B.	S. O. R. S.
Lake Lasang.	KMUA	300,600	PG	do.	R. C. of A.
Lake Ledan.	KTUA	300,600	PG	do.	S. O. R. S.
Lake Lemando.	WCIO	300,600	PG	do.	I. W. T. Co.
Lake Lesa.	KXOU	300,600	PG	do.	S. O. R. S.
Lake Licoco.	WTAO	300,600	PG	do.	Do.
Lake Lida.	KLOO	300,600	PG	do.	R. C. of A.
Lake Liliucusun.	KZIO	300,600	PG	do.	S. O. R. S.
Lake Lillian.	KXUI	300,600	PG	International Coal Transportation Corp.	
Lake Linden.	KZAE	300,600	PG	U. S. S. B.	R. C. of A.
Lake Louise.	KZUU	300,600	PG	do.	Do.
Lake Marion.	KXEE	300,600	PG	do.	Do.
Lake Markham.	KTOU	300,600	PG	do.	Do.
Lake Mary.	KREO	300,600	PG	do.	Do.
Lake Mattato.	WTAI	300,600	PG	do.	I. W. T. Co.
Lake Maurepas.	KLEA	300,600	PG	do.	R. C. of A.
Lake Medford.	KZOA	300,450,600	PG	do.	Do.
Lake Monroe.	KTOE	300,600	PG	do.	I. W. T. Co.
Lake Narka.	KTOA	300,600	PG	do.	R. C. of A.
Lake Ogden.	KHU	300,600	PG	do.	I. W. T. Co.
Lake Onawa.	KOJM	300,600	PG	do.	Do.
Lake Ontario.	KBAA	300,600	PG	do.	R. C. of A.
Lake Orange.	KZOU	300,600	PG	do.	Do.
Lake Ormoc.	KVUA	300,600	PG	do.	I. W. T. Co.
Lake Oswaya.	KVAA	300,450,600	PG	do.	Do.
Lake Otisco.	KLIA	300,600	PG	International Coal Transportation Corp.	
Lake Otsquago.	KXAO	300,600	PG	U. S. S. B.	R. C. of A.
Lake Pachuta.	KTUU	300,600	PG	do.	S. O. R. S.
Lake Pearl.	KVIO	300,600	PG	do.	Do.
Lake Pepin.	KTUI	300,600	PG	do.	R. C. of A.
Lake Powaukee.	KLEU	300,600	PG	do.	Do.
Lake Pickaway.	WKAO	300,600	PG	do.	I. W. T. Co.
Lake Pleasant.	KXEA	300,600	PG	do.	S. O. R. S.
Lake Rushville.	KUDS	300,600	PG	do.	Do.
Lake Saba.	KOS	300,600	PG	do.	I. W. T. Co.
Lake Sanford.	KXEI	300,600	PG	do.	R. C. of A.
Lake Sapor.	KEZB	300,600	PG	do.	Do.
Lake Savins.	KOCB	300,600	PG	do.	I. W. T. Co.
Lake Sebago.	KLUE	300,600	PG	do.	R. C. of A.
Lake Shawano.	KLOU	300,600	PG	do.	I. W. T. Co.
Lakeshore.	KBAU	300,600	PG	do.	R. C. of A.
Lakeside Bridge.	KONF	300,600	PG	do.	I. W. T. Co.
Lake Silver.	KHE	300,600	PG	do.	Do.
Lake Singara.	KITQ	300,600	PG	do.	I. W. T. Co.
Lake Slavi.	KOTJ	300,600	PG	do.	R. C. of A.
Lake St. Clair.	WNL	300,600	PG	do.	I. W. T. Co.
Lake Stirling.	KBUE	300,600	PG	do.	Do.
Lake Strabo.	KEBR	300,600	PG	do.	S. O. R. S.
Lake St. Regis.	KLEE	300,600	PG	do.	Do.
Lake Strymon.	KONS	300,600	PG	do.	R. C. of A.
Lake Sunapee.	KLIU	300,600	PG	do.	Do.
Lake Superior.	KBAO	300,600	PG	do.	S. O. R. S.
Lake Tippah.	KOVC	300,600	PG	do.	
Lake Traverse.	KBUA	300,600	PG	do.	I. W. T. Co.
Lake Treba.	KOSQ	300,600	PG	do.	Do.
Lake Tulare.	WDX	300,600	PG	International Coal Transportation Corp.	
Lakeview.	KBEE	300,600	PG	U. S. S. B.	R. C. of A.
Lakeville.	KXEU	300,600	PG	do.	I. W. T. Co.
Lake Washburn.	KREI	300,600	PG	do.	S. O. R. S.
Lake Weir.	KBEA	300,600	PG	do.	
Lake Wilson.	KZAO	300,600	PG	do.	R. C. of A.
Lake Wimico.	KSOI	300,450,600	PG	do.	I. W. T. Co.
Lake Winona.	KLAU	300,600	PG	do.	R. C. of A.
Lake Winoski.	KZIE	300,600	PG	do.	S. O. R. S.
Lake Winthrop.	KZAI	300,600	PG	do.	R. C. of A.
Lakewood.	KBOO	300,600	PG	do.	
Lake Yahara.	KZAU	300,450,600	PG	do.	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS--
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Yelverton.....	KVOO	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Yemassee.....	KTOO	300,600	PG	.....do.....	I. W. T. Co.
Lake Ypsilanti.....	WKEI	300,600	PG	.....do.....	Do.
Lake Zaliski.....	WKAI	300,600	PG	.....do.....	Do.
Lampasas.....	KEP	300,450,600	PG	Mallory S. S. Co.....	Do.
Lancaster.....	KQUE	300,600	PG	Imperial Shipping Corp.	R. C. of A.
Lansdowne.....	KONP	300,600	PG	U. S. S. B.....	Do.
Lansing.....	WTC	300,600,1800	PG	Union S. S. Co.....	F. T. Co.
Laramie.....	KUBC	300,600	PG	U. S. S. B.....	S. O. R. S.
Las Vegas.....	KUQM	300,450,600	PG	.....do.....	R. C. of A.
Latham.....	KUKR	300,450,600	PG	.....do.....	S. O. R. S.
Latoka.....	WLUA	300,600	PG	.....do.....	Do.
Latouche.....	WAI	300,600	PG	Alaska S. S. Co.....	I. W. T. Co.
Laurel.....	WTUE	300,600	PG	U. S. S. B.....	Do.
Lebanon.....	KIXL	300,600	PG	.....do.....	Do.
Lehigh.....	KINM	300,600	PG	.....do.....	S. O. R. S.
Lenape.....	KVL	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.
Levi G. Burgess.....	WOX	300,600	PG	Alaska Portland Packers Assn.	Owner of vessel.
Levisa.....	KDL	300,600	PG	United Fruit Co.....	T. R. T. Co.
Lewis K. Thurlow.....	KXY	300,450,600	PG	Crowell & Thurlow S. S. Co.	Owner of vessel.
Lewis Luckenbach.....	WFOE	300,600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Lewiston.....	WSOU	300,600	PG	U. S. S. B.....	I. W. T. Co.
Lexington.....	KNB	300,550,600	PG	Colonial Navigation Co.....	I. R. T. Co.
Libby Maine.....	KDV	300,450,535	PG	Libby, McNeil & Libby.	S. O. R. S.
Liberator.....	KRIU	300,600	PG	U. S. S. B.....	Do.
Liberty.....	WCOO	300,600	PG	.....do.....	Do.
Liberty Bell.....	KUJX	300,600	PG	.....do.....	I. W. T. Co.
Liberty Land.....	KISS	300,600	PG	.....do.....	S. O. R. S.
Liberty Minquas.....	KUBJ	300,450,600	PG	.....do.....	I. W. T. Co.
Lightburne.....	KIVF	300,600	PG	.....do.....	R. C. of A.
Ligonier.....	KTD	300,600	PG	Gulf Refining Co.....	T. R. T. Co.
Limon.....	KDR	300,450,600	PG	United Fruit Co.....	I. W. T. Co.
Lithopolis.....	WQEA	300,600	PG	U. S. S. B.....	Do.
L. J. Drake.....	WZAA	300,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Lockport.....	KIXM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Lone Star.....	KZUO	300,600	PG	.....do.....	R. C. of A.
Loonoke.....	KPOI	300,600	PG	.....do.....	I. W. T. Co.
Loon.....	KUGJ	300,450,600	PG	East Coast Fisheries Co.	Owner of vessel.
Lorain.....	KIFZ	300,600	PG	U. S. S. B.....	R. C. of A.
Lordship Manor.....	KIXN	300,600	PG	.....do.....	Do.
Loretta.....	KUXF	300,450,600	PG	.....do.....	Do.
Los Angeles.....	WOL	300,600,1,800	PG	Union Oil Co.....	F. T. Co.
Louise.....	KUKN	300,600	PG	E. D. Burge.....	Owner of vessel.
Louisiana.....	KUL	300,450,600	PG	Texas Co.....	I. W. T. Co.
Louisville Bridge.....	KIDF	300,600	PG	U. S. S. B.....	Do.
Luella.....	KLAA	300,600	PG	.....do.....	Do.
Lurline.....	WML	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Luxpalile.....	KIPV	300,600	PG	U. S. S. B.....	I. W. T. Co.
Lycoming.....	KOMK	300,600	PG	.....do.....	R. C. of A.
Lydia.....	WROI	300,600	PG	Lydia S. S. Co.....	Do.
Lyman Stewart.....	WTL	300,600,1,800	PG	Union Oil Co.....	F. T. Co.
Lyndonia.....	KULZ	300,600	PG	C. H. K. Curtis.....	Do.
M. A. Bradley.....	WQH	300,600	PG	Harvey H. Brown & Co.	R. C. of A.
Macomet.....	KORC	300,600	PG	U. S. S. B.....	Do.
Maddequet.....	KUGZ	300,600	PG	.....do.....	I. W. T. Co.
Madison.....	KOG	300,450,600	PG	Old Dominion S. S. Co.	R. C. of A.
Magmeric.....	KOJS	300,600	PG	U. S. S. B.....	S. O. R. S.
Magunkook.....	WJUO	300,600	PG	.....do.....	I. W. T. Co.
Mahanna.....	KKP	300,600	PG	.....do.....	R. C. of A.
Mahaska.....	WFAU	300,600	PG	.....do.....	Do.
Mahnet.....	KFM	300,600	PG	.....do.....	Do.
Maiden Creek.....	KIPX	300,600	PG	.....do.....	Do.
Maine.....	KUQ	300,450,600	PG	.....do.....	Do.
Maitland No. 1.....	WLE	300,600	PG	Toronto, Hamilton & Buffalo Navigation Co.	Do.
Major Wheeler.....	WFII	300,600	PG	U. S. S. B.....	S. O. R. S.
Makanda.....	KPUA	300,600	PG	.....do.....	Do.
Malden.....	KZV	300,450,600	PG	New England Fuel & Transportation Co.	R. C. of A.

36 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Manada.....	KNOA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Manatee.....	KURN	300, 600	PG	.....do.....	I. W. T. Co.
Manchuria.....	WWF	300, 600	PG	Atlantic Transport Co.	R. C. of A.
Mangore.....	KHP	300, 450, 600	PG	Ore S. S. Corp.....	I. W. T. Co.
Manham.....	KORS	300, 600	PG	U. S. S. B.....	R. C. of A.
Manitou.....	WFW	300, 600	PG	Northern Michigan Transportation Co.	S. O. R. S.
Manitowoc.....	KRQ	300, 450, 525, 600	PG	American Transatlantic Co.	I. W. T. Co.
Mannahocking.....	KEZX	300, 600	PG	U. S. S. B.....	R. C. of A.
Manoa.....	WMQ	300, 450, 600	PG	Matson Navigation Co.	Do.
Manoa.....	KOQ	300, 600	PG	American Interlake Co.	I. W. T. Co.
Manuel Rionda.....	KUXX	300, 600	PG	Sinclair Navigation Co.	S. O. R. S.
Maquan.....	KOVD	300, 450, 600	PG	U. S. S. B.....	Do.
Maracaibo.....	KDM	300, 450, 600	PG	Atlantic & Caribbean Steam Navigation Co.	Dg.
Maratanza.....	WCEI	300, 600	PG	U. S. S. B.....	S. O. R. S.
Margaret.....	KUQS	300, 600	PG	Red Salmon Canning Co.	I. W. T. Co.
Margaret.....	KZO	300, 600	PG	A. H. Bull S. S. Co. (Inc.)	Owner of vessel.
Margaret.....	WRQ	300, 450, 525, 600	PG	Margaret Ship Co.	R. C. of A.
Margus.....	KONG	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Mariana.....	WWZ	300, 450, 600	PG	New York & Porto Rico S. S. Co.	R. C. of A.
Marica.....	KNK	300, 600	PG	U. S. S. B.....	S. O. R. S.
Marina.....	KIVD	300, 450, 600	PG	Bull-Insular S. S. Co.	R. C. of A.
Mariners Harbor.....	KKEU	300, 600	PG	U. S. S. B.....	Do.
Marquette & Bessemer No. 1.	WEW	300, 425, 540, 600	PR	Marquette & Bessemer Dock & Navigation Co.	Owner of vessel.
Marquette & Bessemer No. 2.	WEX	300, 425, 540, 600	PR	.....do.....	Do.
Marshfield.....	KECC	300, 600	PG	U. S. S. B.....	R. C. of A.
Marsodak.....	KOCM	300, 600	PG	.....do.....	S. O. R. S.
Martha Washington.....	KUQF	300, 600	PG	.....do.....	Do.
Maruba.....	WZEE	300, 600	PG	Inter-Coast S. S. Co.	I. W. T. Co.
Maryanne.....	KFL	300, 600	PG	Maryanne Shipping Co	S. O. R. S.
Masca.....	KIBL	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Mascotte.....	KOW	300, 600	PG	Peninsular & Occidental Steamship Co.	R. C. of A.
Mason City.....	KUGX	300, 600	PG	U. S. S. B.....	S. O. R. S.
Massick.....	KOPF	300, 600	PG	.....do.....	Do.
Massillon Bridge.....	KONJ	300, 600	PG	.....do.....	I. W. T. Co.
Masuda.....	KMII	300, 600	PG	.....do.....	S. O. R. S.
Matanzas.....	WFEU	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Matinicock.....	KID	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Matoa.....	KMJ	300, 600	PG	Warren Transportation Co.	Do.
Matsonia.....	WMP	300, 450, 600	PG	Matson Navigation Co.	Do.
Mattapan.....	WCEO	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Mattole.....	KUSV	300, 600	PG	.....do.....	Do.
Mauban.....	KRAE	300, 600	PG	Compania de Tabocas de Filipinas.	Owner of vessel.
Maui.....	WMR	300, 450, 600	PG	Matson Navigation Co.	R. C. of A.
Mazama.....	KNUO	300, 600	PG	Mazama S. S. Co.	I. W. T. Co.
Mazatlan.....	KUBQ	300, 600	PG	California-Mexican S. S. Co.	Do.
McClellan.....	KYF	300, 600	PG	U. S. S. B.....	I. W. T. Co.
McCreary County.....	KOQP	300, 600	PG	.....do.....	Do.
McKeesport.....	KEXB	300, 600	PG	.....do.....	S. O. R. S.
Medford.....	WRUE	300, 600	PG	.....do.....	I. W. T. Co.
Medina.....	KEI	300, 450, 600	PG	Mallory S. S. Co.	Owner of vessel.
Medric.....	KURQ	300, 600	PG	East Coast Fisheries Co.	R. C. of A.
Mehanno.....	KUDJ	300, 600	PG	U. S. S. B.....	Do.
Melrose.....	KZW	300, 600	PG	New England Fuel & Transportation Co.	I. W. T. Co.
Mendora.....	KIKN	300, 375, 600	PG	U. S. S. B.....	R. C. of A.
Menominee.....	KODL	300, 600	PG	.....do.....	I. W. T. Co.
Mercer.....	KEPF	300, 600	PG	.....do.....	R. C. of A.
Mercer Victory.....	KIVG	300, 600	PG	.....do.....	I. W. T. Co.
Meriden.....	KILP	300, 476, 600	PG	General S. S. Corp.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Merrimack.....	KQM	300, 450, 600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Merry Mount.....	KOGX	300, 600	PG	U. S. S. B.....	S. O. R. S.
Metapan.....	KLF	300, 600	PG	United Fruit Co.	T. R. T. Co.
Mexican.....	WKL	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Mexican.....	KGM	300, 450, 600	PG	Pierce Oil Corp.....	R. C. of A.
Mexico.....	KWX	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Mexoil.....	WQIA	300, 600	PG	Pan-American Pet. & Transport Co.	R. C. of A.
Miami.....	KOZ	300, 600	PG	Peninsular & Occidental S. S. Co.	Do.
Middlebury.....	KZAA	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Middlesex.....	WRO	300, 600	PG	Coastwise Transportation Co.	R. C. of A.
Miller County.....	KERX	300, 600	PG	U. S. S. B.....	Do.
Millinocket.....	KNM	300, 600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Milwaukee.....	KEKS	300, 600	PG	Grand Trunk Can. Ferry Line.	R. C. of A.
Milwaukee Bridge.....	KIBF	300, 450, 600	PG	U. S. S. B.....	Do.
Mineola.....	KSEE	300, 600	PG	Grace S. S. Co.....	Do.
Minnequa.....	KIVB	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Minnesota.....	WMI	300, 450, 600	PG	Atlantic Transport Co.	Do.
Minnesota.....	WEK	300, 600	PG	U. S. S. B.....	R. C. of A.
Minnesotan.....	WKM	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Minnewawa.....	KOPG	300, 600	PG	U. S. S. B.....	R. C. of A.
Minooka.....	KOZN	300, 450, 600	PG	.....do.....	Do.
Miskianza.....	KOZM	300, 600	PG	.....do.....	Do.
Missouri.....	WFX	300, 600	PG	Northern Michigan Transportation Co.	Do.
Mitchell.....	KOTF	300, 600	PG	U. S. S. B.....	Do.
M. J. Scanlon.....	WJAO	300, 450, 600	PG	.....do.....	S. O. R. S.
M. Mitchell Davis.....	KDAG	300, 450, 600	PR	C. E. Davis Packing Co.	Owner of vessel.
Moccasin.....	WJD	300, 600	PG	U. S. S. B.....	R. C. of A.
Mohawk.....	KYU	300, 600	P	Ralph E. Barry.....	Owner of vessel.
Mohawk.....	KVM	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Mohawk.....	KXE	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Mohegan.....	KXM	300, 550, 600	PG	.....do.....	Do.
Mohinkis.....	KUKP	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Mojave.....	WJEA	300, 600	PG	.....do.....	S. O. R. S.
Moldegaard.....	KNR	300, 600	PG	Bull Insular S. S. Co.....	R. C. of A.
Moline.....	KEXN	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Momus.....	KKM	300, 450, 600	PG	Southern Pacific Co.....	R. C. of A.
Monana.....	KFEQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Monasses.....	KILX	300, 600	PG	.....do.....	I. W. T. Co.
Mongolia.....	WWN	300, 600	PG	Atlantic Transport Co.	Do.
Monmouth.....	WXUO	300, 600	PG	U. S. S. B.....	Do.
Mono.....	WBOA	300, 450, 600	PG	.....do.....	S. O. R. S.
Monomac.....	KORP	300, 600	PG	.....do.....	I. W. T. Co.
Monroe.....	KOSF	300, 600	PG	.....do.....	Do.
Montague.....	KOMV	300, 600	PG	.....do.....	Do.
Montana.....	KOJF	300, 600	PG	American Transportation Co.	Do.
Montclair.....	KVII	300, 600	PG	U. S. S. B.....	Do.
Monterey.....	KWY	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	Do.
Montezuma.....	KSUU	300, 600	PG	U. S. S. B.....	Do.
Montfaucon.....	KUQZ	300, 600	PG	Independent S. S. Co.....	Do.
Montgomery.....	KIJP	300, 600	PG	.....do.....	S. O. R. S.
Monticello.....	WLJ	300, 600	PG	.....do.....	R. C. of A.
Montoso.....	WKY	300, 450, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Montpelier.....	WLZ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Montrolute.....	WEQ	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Moonlite.....	KPL	300, 450, 600	PG	.....do.....	Do.
Mooseabee.....	KIKP	300, 600	PG	U. S. S. B.....	S. O. R. S.
Moosehausie.....	KOGD	300, 600	PG	.....do.....	I. W. T. Co.
Mooseatauke.....	KOKG	300, 600	PG	.....do.....	Do.
Mopang.....	KOPX	300, 600	PG	.....do.....	Do.
Moraine.....	KPEU	300, 600	PG	.....do.....	Do.
Moravia Bridge.....	KOZG	300, 600	PG	.....do.....	S. O. R. S.
Morganza.....	KEGB	300, 600	PG	.....do.....	I. W. T. Co.
Moritz.....	KPEI	300, 600	PG	.....do.....	S. O. R. S.
Morristown.....	WGAI	300, 600	PG	.....do.....	Do.
Morro Castle.....	KWC	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.

38 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Moshico.....	KOBX	300, 600	PG	U. S. S. B.....	R. C. of A.
Moss Point.....	KETJ	300, 600	PG	.....do.....	S. O. R. S.
Mount Baker.....	KYD	300, 600	PG	Gaston, Williams & Wigmore S. S. Corp.	R. C. of A.
Mount Evans.....	KIMT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Mount Hope.....	KOL	300, 600	P	Providence, Fall River & Newport Steamboat Co.	Owner of vessel.
Mount Rainier.....	WSOE	300, 600	PG	Gaston, Williams & Wigmore.	R. C. of A.
Mount Shasta.....	WHH	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Mt. Vernon Bridge.....	KWA	300, 600	PG	.....do.....	Do.
Mulpua.....	KIDJ	300, 600	PG	.....do.....	S. O. R. S.
Multnomah.....	WMA	300, 600	PG	Multnomah S. S. Co.	R. C. of A.
Manaires.....	WJN	300, 600	PG	Munson S. S. Lines.	Do.
Munalbro.....	KUX	300, 600	PG	.....do.....	Do.
Munamar.....	KUI	300, 600	PG	.....do.....	Do.
Mundale.....	KUJ	300, 450, 600	PG	.....do.....	Do.
Mundelta.....	KUF	300, 600	PG	.....do.....	Do.
Munindies.....	KVE	300, 600	PG	.....do.....	Do.
Munplace.....	KUG	300, 450, 600	PG	.....do.....	Do.
Munra.....	WDAA	300, 378, 600	PG	U. S. S. B.....	S. O. R. S.
Munrio.....	KVD	300, 600	PG	Munson S. S. Co.	R. C. of A.
Munsomo.....	KUK	300, 450, 600	PG	.....do.....	Do.
Munwood.....	KUH	300, 600	PG	.....do.....	Do.
Muscatine.....	KJII	300, 600	PG	U. S. S. B.....	S. O. R. S.
Musketo.....	WDAE	300, 600	PG	.....do.....	R. C. of A.
Muskogee.....	KIB	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Mystery.....	KYZ	300, 600	PG	Lucy Work Hewitt.	I. W. T. Co.
Mystic.....	KHZ	300, 600	PG	Shawmut S. S. Co.	Owner of vessel.
N. & K. No. 2.....	KDAJ	300, 600	PG	Fish Canners Co.	I. W. T. Co.
Nacogdoches.....	KKIU	300, 600	PG	U. S. S. B.....	R. C. of A.
Nacoochee.....	KFP	300, 450, 600	PG	Ocean S. S. Co.	Do.
Naiwa.....	WCIU	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Nameaug.....	KITN	300, 600	PG	.....do.....	Do.
Nameoki.....	WEAA	300, 600	PG	.....do.....	R. C. of A.
Nanking.....	KKEE	300, 450, 600	PG	China Mail S. S. Co.	I. W. T. Co.
Nansemond.....	WQR	300, 450, 600	PG	U. S. S. B.....	Do.
Nanshon.....	KUTL	300, 600	PG	.....do.....	Do.
Nantahala.....	WGIE	300, 600	PG	.....do.....	I. W. T. Co.
Nantasket.....	WLIO	300, 600	PG	.....do.....	Do.
Nantucket.....	KQN	300, 450, 600	PG	Merchants & Miners Transportation Co.	Do.
Nashotah.....	WBOU	300, 600	PG	U. S. S. B.....	Do.
National Bridge.....	KIBG	300, 450, 600	PG	.....do.....	S. O. R. S.
Naugus.....	KUPS	300, 450, 600	PG	.....do.....	R. C. of A.
Navaho.....	KOR	300, 450, 600	PG	Trans-Oceanic Shipping Co.	Do.
Nawitka.....	KELZ	300, 600	PG	U. S. S. B.....	Do.
Neabscos.....	KEKV	300, 450, 600	PG	Nacirema S. S. Corp.	I. W. T. Co.
Nedmac.....	KIQM	300, 600	PG	U. S. S. B.....	S. O. R. S.
Neelolah.....	WLOA	300, 600	PG	.....do.....	R. C. of A.
Nehalem.....	KEBC	300, 450, 600	PG	Pacific Mercantile Marine Co.	Do.
Nelson.....	KNL	300, 450, 600	PG	Cuba Distilling Co.	I. W. T. Co.
Nemaha.....	KUSR	300, 600	PG	U. S. S. B.....	Do.
Nemassa.....	KEQL	300, 600	PG	.....do.....	I. W. T. Co.
Neponset.....	WQIO	300, 600	PG	.....do.....	Do.
Neptune.....	KORZ	300, 450, 600	PG	Mexican Fruit & S. S. Co.	W. S. Co.
Neptune.....	KUN	300, 600	PG	U. S. S. B.....	S. O. R. S.
Nesco.....	KEBT	300, 600	PG	.....do.....	I. W. T. Co.
Neshaminy.....	KILN	300, 600	PG	.....do.....	Do.
Neshobee.....	KUNK	300, 450, 600	PG	.....do.....	R. C. of A.
Neuse.....	WLT	300, 450, 600	PG	.....do.....	Do.
New Britain.....	KIRG	300, 600	PG	Great Northwestern Shipping Corp.	I. W. T. Co.
Newburgh.....	WZUE	300, 600	PG	U. S. S. B.....	S. O. R. S.
New England.....	KUCB	300, 600	PG	.....do.....	I. W. T. Co.
New Hampshire.....	KXF	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
New Haven.....	KXN	300, 550, 600	PG	.....do.....	Do.
Newport.....	WWH	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
Newton.....	KZX	300, 450, 600	PG	New England Fuel & Tr. Co.	R. C. of A.
Newton.....	KIRC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
New Windsor.....	KGAE	300, 600	PG	.....do.....	R. C. of A.
New York.....	KSН	300, 600	PG	International Mercantile Marine Co.	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by
New York.....	KUW	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Nika.....	KOPM	300, 600	PG	Hodge Ship Co.....	Do.
Nile.....	KOSD	300, 600	PG	U. S. S. B.....	Do.
Nipman.....	KOQX	300, 600	PG	.....do.....	Do.
Nipsic.....	KCOE	300, 600	PG	.....do.....	S. O. R. S.
Nishmaha.....	KEVM	300, 600	PG	.....do.....	I. W. T. Co.
Nobles.....	KODB	300, 600	PG	.....do.....	S. O. R. S.
Nocalula.....	KORF	300, 600	PG	.....do.....	I. W. T. Co.
Nockum.....	KOGJ	300, 600	PG	.....do.....	S. O. R. S.
Noddle Island.....	KUKK	300, 600	PG	.....do.....	Do.
Nokatay.....	KOFC	300, 600	PG	.....do.....	R. C. of A.
Noma.....	KYQ	300, 600	PG	Vincent Astor.....	S. O. R. S.
Nonantum.....	KIXP	300, 600	PG	U. S. S. B.....	R. C. of A.
Norfolk.....	WZUA	300, 600	PG	Coastwise Transportation Co.	
Norlina.....	KJE	300, 600	PG	Garland S. S. Corp.....	Do.
Norma.....	KEKC	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Norman Bridge.....	WIG	300, 450, 600	PG	Pan-American Pet. & Tr. Co.	R. C. of A.
North American.....	WEN	300, 600	PG	Chicago, Duluth & Georgian Bay S. S. Co.	Do.
Northbend.....	WPB	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Northern Star.....	KOKC	300, 600	PG	.....do.....	R. C. of A.
North Land.....	KJD	300, 600	PG	Eastern S. S. Lines.....	Do.
Northland.....	WGJ	300, 450, 600	PG	Albers Bros. Milling Co.	S. O. R. S.
North Pines.....	WZEU	300, 600	PG	North Pines S. S. Co.....	R. C. of A.
North Pole.....	KELB	300, 600	PG	U. S. S. B.....	S. O. R. S.
Northwestern.....	WAN	300, 600	PG	Alaska S. S. Co.....	Do.
Northwestern.....	KUO	300, 450, 600	PG	Texas Co.....	Owner of vessel.
Northwestern Bridge.....	KONK	300, 600	PG	U. S. S. B.....	R. C. of A.
North Wind.....	KYB	300, 600	P	Charles M. Clark.....	Owner of vessel.
Norumbega.....	KOZX	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Norwood.....	WSG	300, 450, 600	PG	Pacific American Fisheries.	S. O. R. S.
		625			
Nueces.....	KEH	300, 600	PG	Mallory S. S. Co.....	R. C. of A.
Nupolcla.....	WLOE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Nushagak.....	WNE	300, 400, 600	PG	Alaska Packers Assn.....	Owner of vessel.
Nuuuan.....	WWT	300, 600	PG	General Petroleum Corp.	R. C. of A.
Nyanza.....	WJO	300, 600	PG	U. S. S. B.....	I. W. T. Co.
O. A. Hermanson.....	WRA	300, 600	PG	Southern Oil & Transport Corp.	
Oakland.....	KMOO	300, 600	PG	U. S. S. B.....	Do.
Oakley C. Curtis.....	KQL	300, 450, 600	PG	France & Canada S. S. Corp.	R. C. of A.
Obak.....	KELV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Occidental.....	KUSJ	300, 600	PG	Texas S. S. Co.....	I. W. T. Co.
Oconee.....	KJC	300, 600	PG	E. H. Greene & Co.....	Do.
Octorara.....	WCD	300, 600	PG	Great Lakes Transit Corp.	R. C. of A.
Octorara.....	KRIO	300, 600	PG	U. S. S. B.....	Do.
Oglethorpe.....	WZUU	300, 600	PG	.....do.....	S. O. R. S.
Ogontz.....	KINB	300, 600	PG	.....do.....	I. W. T. Co.
Ohioan.....	WKQ	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Ohonkara.....	KURV	300, 600	PG	Carl Tucker.....	
Okesa.....	WXEE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Okiya.....	WRUI	300, 600	PG	.....do.....	Do.
Oklahoma City.....	KUML	300, 600	PG	.....do.....	I. W. T. Co.
Olen.....	KINR	300, 450, 600	PG	.....do.....	R. C. of A.
Oleum.....	WTD	300, 600, 1800	PG	Union Oil Co.....	F. T. Co.
Oneco.....	KZUI	300, 600	PG	U. S. S. B.....	Owner of vessel.
Oneida.....	KYP	300, 600	P	E. C. Benedict.....	S. O. R. S.
Onekama.....	KEDK	300, 600	PG	U. S. S. B.....	Do.
Oneonta.....	WPX	300, 450, 600	PG	Port of Portland, Oreg.....	I. W. T. Co.
Ontario.....	KQO	300, 450, 600	PG	Merchants & Miners Transportation Co.	
Opelika.....	KECL	300, 600	PG	U. S. S. B.....	R. C. of A.
Opequan.....	KIBK	300, 600	PG	.....do.....	I. W. T. Co.
Ophis.....	KODZ	300, 600	PG	.....do.....	R. C. of A.
Oran.....	WQK	300, 440, 525, 600	PG	Oriental Navigation Co.	Do.
Orani.....	KOBD	300, 600	PG	U. S. S. B.....	Do.
Oraton.....	KEMR	300, 600	PG	.....do.....	I. W. T. Co.
Orcus.....	KISC	300, 600	PG	.....do.....	R. C. of A.
Oregon.....	WGD	300, 600	PG	Alaska-Pacific Navigation Co.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Oregon.....	WOC	300, 450, 600	PG	Henry Wilson.....	R. C. of A.
Oregon.....	WOU	300, 600	PG	Crowley Launch, & Tugboat Co.	Do.
Oregonian.....	WKO	300, 600	PG	American-Hawaiian S. Co.	Owner of vessel.
Orient.....	KOLC	300, 450, 600	PG	Orient S. S. Corp.....	R. C. of A.
Orinoco.....	KIMX	300, 600	PG	Orinoco S. S. Co.....	Do.
Orion.....	WLO	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Orizaba.....	KMEI	300, 600	PG	New York & Porto Rico Mail S. S. Co.	I. W. T. Co.
Orleans.....	KIDZ	300, 600	PG	Orleans S. S. Corp.....	R. C. of A.
Oronoke.....	KUNL	300, 600	PG	U. S. S. B.....	Do.
Osage.....	WJU	300, 450, 600	PG	do.....	I. W. T. Co.
Osakis.....	WFOI	300, 600	PG	do.....	R. C. of A.
Osaqumsick.....	KEVN	300, 600	PG	do.....	S. O. R. S.
Oswatomie.....	KEVB	300, 600	PG	do.....	Do.
Oscoda.....	KEKT	300, 600	PG	do.....	I. W. T. Co.
Oshkosh.....	WFUU	300, 600	PG	do.....	S. O. R. S.
Oskaloosa.....	WJII	300, 600	PG	do.....	Do.
Oskawa.....	WGUA	300, 600	PG	do.....	I. W. T. Co.
Osprey.....	KUJN	300, 600	PG	East Coast Fisheries Co.	Do.
Ossa.....	KUFZ	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Ossineke.....	WTW	300, 600	PG	do.....	Do.
Ossining.....	KEFR	300, 600	PG	do.....	R. C. of A.
Otho.....	KULX	300, 450, 600	PG	do.....	Do.
Otsego.....	WDG	300, 450, 600	PG	do.....	Do.
Otto M. Reiss.....	WNG	300, 450, 600	PG	Reiss S. S. Co.....	Do.
O. T. Waring.....	KJW	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Outagamie.....	KULS	300, 600	PG	U. S. S. B.....	Do.
Overbrook.....	KLAE	300, 600	PG	do.....	I. W. T. Co.
Owatama.....	WMOO	300, 600	PG	do.....	R. C. of A.
Owego.....	KFQ	300, 450, 600	PG	Winett Operating Co. (Inc.).	I. W. T. Co.
Oyaka.....	KELX	300, 600	PG	U. S. S. B.....	Do.
Ozama.....	WRX	300, 600	PG	Atlantic Gulf & West Indies S. S. Co.	I. W. T. Co.
Ozaukee.....	WXAA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Ozette.....	KEVP	300, 600	PG	do.....	I. W. T. Co.
Ozmo.....	KUJL	300, 600	PG	Northern Commercial Co.	R. C. of A.
Padnsey.....	KUQG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Palisades.....	KOLV	300, 600	PG	do.....	R. C. of A.
Pallas.....	KUTJ	300, 450, 600	PG	do.....	I. W. T. Co.
Panama.....	KMH	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Panaman.....	WKR	300, 600	PG	American-Hawaiian S. Co.	Do.
Pan-American.....	KUT	300, 450, 600	PG	Texas S. S. Co.....	R. C. of A.
Panay.....	KEMJ	300, 450, 525, 600	PG	Madrigal & Co.....	Do.
Panga.....	WJEU	300, 600	PG	U. S. S. B.....	S. O. R. S.
Panoil.....	KUQC	300, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Panola.....	WMUO	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Pansa.....	KUZN	300, 600	PG	do.....	R. C. of A.
Panuco.....	KMM	300, 600	PG	Sinclair Gulf Corp.....	Do.
Panuco.....	KWM	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Paraguay.....	KTT	300, 600	PG	Sun Co.....	R. C. of A.
Paraiso.....	WRI	300, 600	PG	Oliver J. Olsen.....	Owner of vessel.
Parismina.....	KDG	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Parksville.....	KIZG	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Parthian.....	WCE	300, 600	PG	Olympia Shipping Corp.	R. C. of A.
Pasadena.....	KMEU	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Pascagoula.....	WBIU	300, 600	PG	do.....	R. C. of A.
Passaic Bridge.....	KIBJ	300, 600	PG	do.....	S. O. R. S.
Pastores.....	KLA	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Patrick Henry.....	KUPM	300, 600	PG	U. S. S. B.....	R. C. of A.
Patrol.....	KIN	300, 400, 600	P	Police Department, City of New York.	Owner of vessel.
Paul H. Harwood.....	KJIO	300, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Paulsboro.....	KRS	300, 450, 600	PG	Vacuum Oil Co.....	Do.
Pawlet.....	KUBL	300, 600	PG	U. S. S. B.....	Do.
Pawnee.....	WLU	300, 450, 600	PG	do.....	Do.
Pawtucket.....	KINZ	300, 600	PG	do.....	S. O. R. S.
Pearl Shell.....	WIC	300, 450, 600	PG	Pearl Shell S. S. Co.....	R. C. of A.
Peconic.....	KDAF.	300, 450, 600	PR	C. E. Davis Packing Co.	Owner of vessel.

RADIO STATIONS OF THE UNITED STATES.

41

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Peekskill.....	KOMX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Penguin.....	KOMJ	300, 450, 600	PG	Penguin Co.....	Owner of vessel.
Pennant.....	KME	300, 450, 600	PG	Pierce Oil Corp.....	R. C. of A.
Pennsylvania.....	KUP	300, 450, 600	PG	Texas S. S. Co.....	I. W. T. Co.
Pennsylvania.....	WKP	300, 600		American-Hawaiian S. S. Co.	Owner of vessel.
Pequonnock.....	KXP	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Pequot.....	WLX	300, 600	PG	U. S. S. B.....	R. C. of A.
Pere Marquette.....	WDA	300, 500, 600	PR	Pere Marquette R. R. Co.	Do.
Pere Marquette 8.....	KINL	300, 600	PR	.....do.....	Do.
Pere Marquette 17.....	WDC	300, 500, 600	PR	.....do.....	Do.
Pere Marquette 18.....	WDD	300, 450, 600	PR	.....do.....	Do.
Pere Marquette 19.....	WDB	300, 500, 600	PR	.....do.....	Do.
Pere Marquette 20.....	WDE	300, 500, 600	PR	.....do.....	Do.
Perfection.....	KTN	300, 450, 600	PG	Standard Oil Co. of N. Y.	Do.
Persian.....	KQX	300, 450, 600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Peter H. Crowell.....	KEXT	300, 476, 600	PG	Crowell & Thurlow S. S. Co.	
Peter Reiss.....	WNX	300, 600	PG	North American S. S. Co.	R. C. of A.
Petoskey.....	WDH	300, 600	PG	Chicago & South Haven S. S. Co.	Do.
Petunia.....	KOQN	300, 600	PG	Foreign & Domestic Transp. Corp.	
Pezuta.....	KPIE	300, 600	PG	U. S. S. B.....	
Philadelphia.....	KDA	300, 450, 600	PG	Atlantic & Caribbean Steam Navigation Co.	Do.
Philadelphia.....	KSM	300, 600	PG	International Mercantile Marine Co.	I. W. T. Co.
Philippines.....	WAV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Phoenix.....	WJEO	300, 600	PG	.....do.....	R. C. of A.
Phoenix Bridge.....	WFOU	300, 600	PG	.....do.....	Do.
Phyllis.....	KEA	300, 600	PG	Phyllis S. S. Co.	
Pinellas.....	KULB	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Plinthis.....	KUPC	300, 450, 600	PG	Sugar Products Co.	C. & W. R. C.
Pioneer.....	KIG	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Pioneer.....	KUSL	300, 600	PG	Mutual Packing Co.	Owner of vessel.
Pioneer.....	WPN	300, 600	PG	Puget Sound Tug Boat Co.	Do.
Pipestone County.....	KIMZ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Pisco.....	KEQV	300, 600	PG	.....do.....	
Pittsburgh Bridge.....	KUKL	300, 600	PG	.....do.....	R. C. of A.
Plainfield.....	WJEI	300, 600	PG	.....do.....	I. W. T. Co.
Pleiades.....	WNP	300, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
Plover.....	KUFT	300, 600	PG	East Coast Fisheries Co.	
Plow City.....	KUCC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Plymouth.....	KXH	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Plymouth.....	KND	300, 450, 600	PG	Green Star S. S. Corp.	R. C. of A.
Point Adams.....	WES	300, 600	PG	Pacific Mail S. S. Co.	
Point Arena.....	WHP	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Point Bonita.....	WMT	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
Point Judith.....	KPAA	300, 600	PG	.....do.....	
Point Lobos.....	KJUT	300, 600	PG	.....do.....	
Point Loma.....	WAU	300, 600	PG	U. S. S. B.....	S. O. R. S.
Polar Bear.....	WGQE	300, 600	PG	.....do.....	I. W. T. Co.
Polarine.....	KOI	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Polar Sea.....	KSOA	300, 600	PG	U. S. S. B.....	Do.
Polar Star.....	KELC	300, 600	PG	.....do.....	Do.
Polybius.....	KIGL	300, 600	PG	.....do.....	I. W. T. Co.
Ponce.....	KGP	300, 450, 600	PG	New York & Porto Rico S. S. Co.	Do.
Pontchartrain.....	KIMP	300, 600	PG	U. S. S. B.....	R. C. of A.
Pontia.....	KIPC	300, 600	PG	.....do.....	I. W. T. Co.
Portola Plumas.....	KUMN	300, 450, 600	PG	.....do.....	Do.
Fortsomth.....	KOJV	300, 600	PG	.....do.....	S. O. R. S.
Poughkeepsie.....	KEZZ	300, 600	PG	.....do.....	I. W. T. Co.
Poznam.....	WLY	300, 600	PG	Polish-American Navigation Corp.	R. C. of A.
President.....	WGP	300, 600	PG	Pacific S. S. Co.....	Do.
Princess Matoika.....	WLS	300, 600	PG	U. S. S. B.....	Do.
Princeton.....	KST	300, 450, 600	PG	Standard Oil Co. of N. J.	I. R. T. Co.
Priscilla.....	KXI	300, 550, 600	PG	New England S. S. Co.	I. W. T. Co.
Proctor.....	KEPQ	300, 600	PG	U. S. S. B.....	I. R. T. Co.
Providence.....	KXJ	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.

42 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Providencia.....	WIK	300, 450, 600	PG	Providencia Steamer Co.	R. C. of A.
Prusa.....	KELQ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Puget Sound.....	WER	300, 600	PG	.....do.....	S. O. R. S.
Pulaski.....	KUQL	300, 600	PG	.....do.....	
Puritan.....	WDU	300, 600	PG	Graham & Morton Transportation Co.	R. C. of A.
Putnam.....	KIXQ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Puyallup.....	KEXC	300, 600	PG	.....do.....	
Pylos.....	KULQ	300, 600	PG	.....do.....	
Pyramus.....	KIPL	300, 600	PG	.....do.....	
Python.....	WNIO	300, 600	PG	.....do.....	
Quabbin.....	KUJZ	300, 450, 600	PG	.....do.....	R. C. of A.
Quaker City.....	KOZL	300, 600	PG	.....do.....	Do.
Quantico.....	KQQ	300, 450, 600	PG	Merchants & Miners Transportation Co.	S. O. R. S.
Quapaw.....	KETC	300, 600	PG	U. S. S. B.....	Do.
Queen.....	WGX	300, 450, 600	PG	Pacific S. S. Co.....	R. C. of A.
Queen II.....	WOY	300, 400	P	Central Illinois Public Service Co.	Owner of vessel.
Quemakoming.....	KETD	300, 600	PG	U. S. S. B.....	S. O. R. S.
Quidnic.....	KSEO	300, 600	PG	.....do.....	Do.
Quillwark.....	KUZM	300, 600	PG	.....do.....	Do.
Quinault.....	KNEI	300, 600	PG	.....do.....	
Quinneseco.....	WRIU	300, 600	PG	.....do.....	I. W. T. Co.
Quinnipiac.....	KOQT	300, 600	PG	.....do.....	S. O. R. S.
Quisconck.....	WREI	300, 600	PG	.....do.....	I. W. T. Co.
Quittacas.....	WRUO	300, 600	PG	.....do.....	S. O. R. S.
Radiant.....	KTR	300, 450, 600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Radnor.....	KJUE	300, 600	PG	U. S. S. B.....	Do.
Rainier.....	WRZ	300, 600	PG	Albers Bros. Milling Co.	S. O. R. S.
Rajah.....	WAO	300, 600	PG	U. S. S. B.....	R. C. of A.
Rama.....	KRX	300, 450, 600	PG	Rama Navigation Co.	Do.
Ransom B. Fuller.....	KRF	300, 600	PG	Eastern S. S. Lines (Inc.).	
Rapidan.....	KOSG	300, 600	PG	U. S. S. B.....	Do.
Rappahannock.....	WQQ	300, 600	PG	.....do.....	
Rayo.....	KTL	300, 600	PG	Standard Oil Co. of N. Y.	I. W. T. Co.
Rebecca Palmer.....	WQEI	300, 600	PG	S. de Barrenechea.	
Red Cloud.....	WJEE	300, 600	PG	Red Cloud S. S. Co.	R. C. of A.
Redlands.....	WDUE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Red Mountain.....	KOTQ	300, 600	PG	.....do.....	R. C. of A.
Redondo.....	WBM	300, 600	PG	Alaska S. S. Co.	S. O. R. S.
Redondo.....	KYT	300, 476, 600	PG	Redondo S. S. Co.	I. W. T. Co.
Redwood.....	WSD	300, 450, 525, 600	PG	Pacific American Fisheries.	S. O. R. S.
Relay.....	KVZ	300, 600	P	Mexican Telegraph Co.	Owner of vessel.
Relief.....	KRJ	300, 450, 600	PG	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Remlik.....	KZR	300, 600	PG	Willis S. Kilmer.....	Owner of vessel.
Remus.....	KEBX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Republic.....	WSU	300, 600	PG	Chili S. S. Co. (Inc.).	R. C. of A.
Rescue.....	KRP	300, 450, 600	PG	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Resolute.....	KRM	300, 600	PG	.....do.....	Owner of vessel.
Restorer.....	WIU	300, 450, 600	P	Commercial Pacific Cable Co.	R. C. of A.
Reuce.....	WSR	300, 525, 600	PG	Columbia River Packers' Assn.	Owner of vessel.
Richard J. Reiss.....	WNK	300, 600	PG	Reiss S. S. Co.....	R. C. of A.
Richard Peck.....	KXR	300, 450, 500	PG	New England S. S. Co.	I. R. T. Co.
Richconal.....	KUTX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Richmond.....	WTR	300, 600	PG	Standard Oil Co. of Calif.	R. C. of A.
Rio Grande.....	KEG	300, 600	PG	Mallory Steamship Co.	Do.
Ripon.....	KUGM	300, 600	PG	U. S. S. B.....	
Riverside Bridge.....	KUCD	300, 600	PG	.....do.....	I. W. T. Co.
Roanoke.....	KO XV	300, 600	PG	Texas S. S. Co.....	Do.
Robert M. Thompson.....	KNW	300, 600	PG	American Transportation Co.	
Robert P. Clark.....	KTH	300, 450, 600	PG	Gulf Refining Co.....	R. C. of A.
Robin Adair.....	KOV M	300, 440, 525, 600	PG	Robin Line S. S. Co.....	S. O. R. S.
Robin Goodfellow.....	KUBN	300, 440, 525, 600	PG	.....do.....	Do.

RADIO STATIONS OF THE UNITED STATES.

43

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Robin Gray.....	KOXT	300, 440, 525, 600	PG	Robin Line S. S. Co. ....do.	S. O. R. S. Do.
Robin Hood.....	KOTM	300, 440, 600	PG	Vacuum Oil Co. ....do.	R. C. of A. S. O. R. S. Do.
Rochelle.....	KUNX	300, 600	PG	U. S. S. B. ....do.	R. C. of A. S. O. R. S. Do.
Rochester.....	KUTZ	300, 600	PG	French-American Line (Inc.)	R. C. of A.
Rockaway Park.....	KIZZ	300, 600	PG	U. S. S. B. ....do.	Do.
Rockport.....	KOZD	300, 450, 600	PG	San Francisco & Portland Steamship Co.	Do.
Roman.....	WRII	300, 600	PG	Andrew F. Mahoney Standard Transportation Co.	Do.
Romulus.....	KIDR	300, 600	PG	Sinclair Navigation Co.	Do.
Rose City.....	WWR	300, 600	PG	American Transportation Co.	Do.
Rose Mahoney.....	KSAE	300, 600	PG	Bering Sea Packing Co.	Owner of vessel.
Royal Arrow.....	KSW	300, 450, 600	PG	A. H. Bull S. S. Co. ....do.	I. W. T. Co.
Roy Hooper.....	WCQ	300, 600	PG	Olympia Shipping Corp.	R. C. of A.
Ruby.....	KOBC	300, 600	PG	Mallory Steamship Co.	I. W. T. Co.
Rush.....	WNR	300, 440, 525, 600	PG	Sun Co.	R. C. of A.
Ruth.....	KZQ	300, 600	PG	U. S. S. B. ....do.	S. O. R. S. R. C. of A.
Ruth E. Merrill.....	KQU	300, 450, 600	PG	do. ....do.	I. W. T. Co.
Sabine.....	KEB	300, 450, 600	PG	Sacramento S. S. Co.	I. W. T. Co.
Sabine Sun.....	WLQ	300, 450, 600	PG	U. S. S. B. ....do.	R. C. of A. S. O. R. S.
Sabotawan.....	KIJJ	300, 600	PG	do. ....do.	R. C. of A. I. W. T. Co.
Sacandaga.....	KESC	300, 600	PG	do. ....do.	S. O. R. S. I. W. T. Co.
Saccarappa.....	WGOI	300, 600	PG	do. ....do.	I. W. T. Co. Do.
Sac City.....	KEFB	300, 600	PG	do. ....do.	S. O. R. S. R. C. of A.
Saco.....	KEPT	300, 600	PG	do. ....do.	R. C. of A. Do.
Sacramento.....	KWV	300, 600	PG	do. ....do.	S. O. R. S. R. C. of A.
Sagadahoc.....	KTUO	300, 600	PG	do. ....do.	Do. ....do.
Sagaporack.....	KZIU	300, 600	PG	do. ....do.	S. O. R. S. I. W. T. Co.
Sag Harbor.....	WPAE	300, 600	PG	do. ....do.	I. W. T. Co. S. O. R. S.
Sagua.....	KVO	300, 450, 600	PG	do. ....do.	I. W. T. Co. I. W. T. Co.
Saguache.....	KEKL	300, 600	PG	do. ....do.	R. C. of A. Do.
Sahale.....	KEPR	300, 600	PG	do. ....do.	S. O. R. S. I. W. T. Co.
Salama.....	KURP	300, 600	PG	do. ....do.	R. C. of A. Do.
Salaverry.....	KEQX	300, 600	PG	do. ....do.	S. O. R. S. I. W. T. Co.
Salem County.....	KODR	300, 600	PG	do. ....do.	R. C. of A. Do.
Salina.....	KUZQ	300, 600	PG	do. ....do.	S. O. R. S. I. W. T. Co.
Salinas.....	KUCL	300, 600	PG	do. ....do.	R. C. of A. I. W. T. Co.
Salmon.....	KPOU	300, 600	PG	do. ....do.	I. W. T. Co. S. O. R. S.
Saluda.....	KEGQ	300, 600	PG	do. ....do.	R. C. of A. I. W. T. Co.
Salvation Lass.....	KIMN	300, 600	PG	do. ....do.	S. O. R. S. I. W. T. Co.
Samuel Faunce.....	KQV	300, 450, 600	PG	France & Canada S. S. Corp.	R. C. of A. Do.
Samuel Mitchell.....	WEJ	300, 450, 600	PG	Huron Transportation Co.	Do.
San Antonio.....	KOMN	300, 600	PG	Adolfo Stahl. ....do.	Owner of vessel.
San Diego.....	KUBF	300, 600	PG	W. H. Wood. ....do.	Do.
Sangamon.....	WJAA	300, 600	PG	U. S. S. B. ....do.	R. C. of A. I. W. T. Co.
San Jacinto.....	KES	300, 450, 600	PG	Mallory Steamship Co.	I. W. T. Co.
San Jose.....	KDJ	300, 450, 600	PG	United Fruit Co.	T. R. T. Co.
San Jose.....	WWL	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
San Juan.....	KGJ	300, 450, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
San Juan.....	KULV	300, 600	PG	Libby, McNeill & Libby.	
San Juan.....	WWM	300, 600	PG	Pacific Mail Steamship Co.	F. T. Co.
San Marcos.....	KEK	300, 600	PG	Mallory S. S. Co. ....do.	I. W. T. Co.
San Mateo.....	KLV	300, 600	PG	United Fruit Co. ....do.	T. R. T. Co.
San Pasqual.....	KUXC	300, 600	PG	U. S. S. B. ....do.	W. S. Co.
San Ramon.....	WNW	300, 600	PG	Mexican Fruit & S. S. Corp.	
Santa Alicia.....	WSJ	300, 450, 600	PG	Grace S. S. Co. ....do.	R. C. of A.
Santa Ana.....	WAL	300, 600	PG	Alaska S. S. Co. ....do.	S. O. R. S.
Santa Ana.....	WBX	300, 450, 600	PG	Grace S. S. Co. ....do.	R. C. of A.
Santa Barbara.....	WBJ	300, 450, 600	PG	do. ....do.	Do.
Santa Cecilia.....	WBB	300, 600	PG	Green Star S. S. Corp.	Do.
Santa Clara.....	WBA	300, 600	PG	Atlantic & Pacific S. S. Co.	Do.
Santa Cruz.....	WBD	300, 600	PG	do. ....do.	Do.
Santa Elena.....	WBZ	300, 450, 600	PG	Grace S. S. Co. ....do.	Do.
Santa Elisa.....	KIGQ	300, 600	PG	do. ....do.	Do.
Santa Flavia.....	KRUI	300, 450, 600	PG	do. ....do.	Do.
Santa Inez.....	WSI	300, 600	PG	U. S. S. B. ....do.	Do.
Santa Leonora.....	KIML	300, 600	PG	Grace S. S. Co. ....do.	Do.
Santa Luisa.....	KJEU	300, 450, 600	PG	Grace S. S. Co. ....do.	Do.

44 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Santa Malta.....	KIBN	300,600	PG	U. S. S. B.....	
Santa Marta.....	KLG	300,600	PG	United Fruit Co.....	T. R. T. Co.
Santa.....	KZS	300,600	P	Osborne Howes.....	Owner of vessel.
Santa Olivia.....	KQII	300,600	PG	Atlantic & Pacific S. Co.	R. C. of A.
Santa Paula.....	WBQ	300,450,600	PG	Grace S. S. Co.....	
Santa Rita.....	WTG	300,600	PG	American Fuel Oil & Transportation Co.	Do.
Santa Rita.....	WBR	300,450,600	PG	Grace S. S. Co.....	Do.
Santa Rosa.....	WBO	300,500,600	PG	.....do.....	Do.
Santa Rosalia.....	KLO	300,600	PG	U. S. Steel Products Co.	Do.
Santa Tecla.....	KNEE	300,600	PG	Grace S. S. Co.....	Do.
Santa Teresa.....	WLIA	300,600	PG	.....do.....	Do.
Santiago.....	KWE	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Santore.....	KDQ	300,600	PG	Ore S. S. Corp.....	R. C. of A.
Santurce.....	KEMV	300,450,600	PG	New York & Porto S. S. Co.	I. W. T. Co.
Sapelo.....	KOVK	300,600	PG	U. S. S. B.....	S. O. R. S.
Sapinero.....	KESG	300,600	PG	.....do.....	R. C. of A.
Sapoma.....	KOSP	300,450,600	PG	.....do.....	S. O. R. S.
Sarah Weems.....	WQJ	300,600	PG	Baltimore & Carolina S. S. Co.	
Saramacca.....	KLH	300,600	PG	United Fruit Co.....	T. R. T. Co.
Sarcoxie.....	WLAA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Saris.....	WGIN	300,600	PG	.....do.....	S. O. R. S.
Sataria.....	KIDC	300,600	PG	.....do.....	R. C. of A.
Satsuma.....	KJI	300,600	PG	Barber & Co. (Inc.)	Do.
Saucon.....	WBK	300,600	PG	U. S. S. B.....	I. W. T. Co.
Saugerties.....	WAB	300,600	PG	.....do.....	S. O. R. S.
Saugus.....	KIBQ	300,600	PG	.....do.....	I. W. T. Co.
Saxon.....	WZEA	300,600	PG	Clinchfield Navigation Co.	R. C. of A.
S. B. Hunt.....	KIPR	300,600	PG	Standard Oil Co. of N. J.	Do.
Scantic.....	KILR	300,600	PG	U. S. S. B.....	I. W. T. Co.
Schenectady.....	WJIU	300,600	PG	.....do.....	R. C. of A.
Schedack.....	KEVT	300,600	PG	.....do.....	Do.
Schoharie.....	KEVV	300,600	PG	.....do.....	S. O. R. S.
Schoodic.....	KIDQ	300,600	PG	.....do.....	I. W. T. Co.
Schroon.....	KIJM	300,600	PG	.....do.....	Do.
Schuykill Bridge.....	KUKC	300,600	PG	.....do.....	S. O. R. S.
Scottsburg.....	KOMM	300,600	PG	.....do.....	Do.
Sea Bird.....	KICT	300,600	PG	The Sea Bird Co.....	
Seafarer.....	WPL	300,600	PG	Seafarer Nav. & Salvage Co.	
Seattle Spirit.....	KISD	300,600	PG	U. S. S. B.....	Do.
Sebonac.....	KUVF	300,450,600	PG	Thomas A. Howell.....	Owner of vessel.
Security.....	KSJ	300,600	PG	Standard Transportation Co.	R. C. of A.
Seeandbee.....	WFS	300,600	PG	Cleveland & Buffalo Transit Co.	Do.
Seekonk.....	KIGF	300,450,600	PG	U. S. S. B.....	Do.
Seguranca.....	KWG	300,600	PG	Standard Commercial S. S. Corp.	Do.
Selma.....	KUKQ	300,600	PQ	U. S. S. B.....	
Seminole.....	KUGP	300,600	PG	.....do.....	Do.
Senator.....	WGS	300,600	PG	Pacific Steamship Co.	Do.
Senator Bailey.....	KGS	300,450,600	PG	Gulf Refining Co.	Do.
Sepulga.....	KURK	300,600	PG	U. S. S. B.....	Do.
Severance.....	KXOE	300,600	PG	Union Sulphur Co.	S. O. R. S.
Sewalls Point.....	KGX	300,450,600	PG	Castner, Curran & Bullit (Inc.)	R. C. of A.
Sewickley.....	KPII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Seypen.....	WGEG	300,600	PG	.....do.....	S. O. R. S.
Shannock.....	KOBB	300,600	PG	.....do.....	I. W. T. Co.
Sharon.....	KIRK	300,600	PG	.....do.....	R. C. of A.
Shaume.....	KILQ	300,600	PG	.....do.....	Do.
Sheldrake.....	KUFX	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Shenandoah.....	KIBD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Shenango.....	KTC	300,600	PG	Gulf Refining Co.	R. C. of A.
Sherman.....	KMQ	300,450,600	PG	Sherman S. S. Co.	Do.
Shickshinny.....	KIZP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Shooters Island.....	KERG	300,600	PG	.....do.....	R. C. of A.
Shortsville.....	KIKK	300,600	PG	.....do.....	Do.
Siboney.....	WRN	300,600	PG	.....do.....	I. W. T. Co.
Sierra.....	KRW	300,600	PR	E. K. Wood Lumber Co.	Owner of vessel.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Sierra.....	WHJ	300, 600, 1800	PG	Green Star S. S. Corp.	F. T. Co.
Siletz.....	KODG	300, 476, 600	PG	U. S. S. B.....	I. W. T. Co.
Silverado.....	WRC	300, 450, 600	PG	.....do.....	Do.
Silverbrook.....	KIBC	300, 600	PG	.....do.....	R. C. of A.
Silver Shell.....	WIA	300, 450, 600	PG	Silver Shell S. S. Co.	Do.
Sinasta.....	KDAC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Sinsinawa.....	KOJD	300, 600	PG	.....do.....	R. C. of A.
Sioux City.....	KUGK	300, 600	PG	.....do.....	Do.
Sioux Falls.....	KONN	300, 600	PG	.....do.....	Do.
Sir Thomas Shaughnessy.....	WFV	300, 600	PG	Jenkins S. S. Co.....	Do.
Sir Trevor Dawson.....	WMIU	300, 600	PG	American Interlake Co.	Do.
Sixaola.....	KDS	300, 600	PG	United Fruit Co.	T. R. T. Co.
Skagway.....	WAT	300, 600	PG	Alaska S. S. Co.....	Owner of vessel.
S. M. Fischer.....	WPH	300, 600	PG	Reid Towing & Wrecking Co.	R. C. of A.
S. M. Spalding.....	WKG	300, 600	PG	Pan-American Petroleum & Tr. Co.	Do.
Snipe.....	KUFS	300, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Snug Harbor.....	WBAA	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
S. O. Co. No. 91.....	WTU	300, 600	PG	Standard Oil Co. of Calif.	Do.
S. O. Co. No. 93.....	WTY	300, 600	PG	.....do.....	Do.
S. O. Co. No. 95.....	WTZ	300, 600	PG	.....do.....	Do.
Socony.....	KTX	300, 600	PG	Standard Oil Co. of N. Y.	I. W. T. Co.
Socony 82.....	KVAI	300, 450, 600	PG	.....do.....	R. C. of A.
Socony 83.....	KVAO	300, 450, 600	PG	.....do.....	Do.
Socony 84.....	WCOE	300, 600	PG	.....do.....	Do.
Socony 85.....	WKAЕ	300, 450, 600	PG	.....do.....	Do.
Socony 88.....	KRUU	300, 450, 600	PG	.....do.....	Do.
Socony 89.....	KSAА	300, 450, 600	PG	.....do.....	Do.
Socony 90.....	WTII	300, 450, 600	PG	.....do.....	Do.
Socony 92.....	WCOI	300, 450, 600	PG	.....do.....	Do.
Socony 94.....	WTIO	300, 450, 600	PG	.....do.....	Do.
Solitaire.....	KUMT	300, 600	PG	Texas S. S. Co.....	I. W. T. Co.
Somerset.....	KSU	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Sonoma.....	WHM	300, 600, 1800	PG	Oceanic S. S. Co.....	F. T. Co.
Sophie Frankel.....	KIBM	300, 600	PG	U. S. S. B.....	R. C. of A.
South American.....	WEQ	300, 600	PG	Chicago, Duluth & Georgian Bay Steamship Co.	Do.
South Bend.....	KEXQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
South Pole.....	WDIA	300, 600	PG	.....do.....	I. W. T. Co.
Speedwell.....	KLZ	300, 600	PG	Speedwell Navigation Co.	Owner of vessel.
Spokane.....	WGE	300, 600	PG	Pacific S. S. Co.....	R. C. of A.
Springfield.....	KUTR	300, 600	PG	U. S. S. B.....	Do.
St. Anthony.....	KUBM	300, 600	PG	.....do.....	S. O. R. S.
St. Augustine.....	KIKJ	300, 600	PG	.....do.....	R. C. of A.
St. Charles.....	KOK	300, 600	PG	Maru Navigation Co.	Do.
Saint Francis.....	KRT	300, 600	PG	U. S. Steel Products Co	Do.
St. Johns County.....	KIKG	300, 600	PG	U. S. S. B.....	Do.
St. Nicholas.....	WSS	300, 525, 600	PG	Columbia River Packers' Assn.	Owner of vessel.
St. Paul.....	KSO	300, 600	PG	International Mercantile Marine Co.	I. W. T. Co.
Stadacona.....	WMIO	300, 600	PG	Stadacona S. S. Co.....	R. C. of A.
Standard.....	KIC	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Standard.....	KXOI	300, 450, 600	PG	Standard Transportation Co.	Do.
Standard II.....	KSA	300, 600	PG	.....do.....	Do.
Standard Arrow.....	KSV	300, 450, 600	PG	.....do.....	Do.
Stanley.....	KISJ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Stanley Dollar.....	WHS	300, 600	PG	Dollar S. S. Line.....	Do.
Stanwood.....	KHD	300, 600	PG	W. R. Chamberlin.	
Star 1.....	WRIO	300, 600	PG	U. S. Whaling Co.	Owner of vessel.
Starlite.....	KPK	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Star of Greenland.....	KERF	300, 400, 600	PG	Alaska Packers' Assn.	Do.
Star of Holland.....	KUGQ	300, 600	PG	.....do.....	
Star of Lapland.....	KXOA	300, 600	PG	.....do.....	
Starr.....	WPS	300, 600	PG	San Juan Fishing & Packing Co.	S. O. R. S.
Staten Island.....	KUMD	300, 600	PG	U. S. S. B.....	R. C. of A.
State of Ohio.....	WFR	300, 600	PG	Cleveland & Buffalo Transit Co.	
Steadfast.....	WDEO	300, 600	PG	U. S. S. B.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Steel Age.....	KOZX	300, 450, 600	PG	U. S. Steel Products Co.	R. C. of A.
Steelmaker.....	KOXX	300, 600	PG	.....do.....	Do.
Steel Mariner.....	KUVK	300, 600	PG	.....do.....	Do.
Steel Trader.....	KUVL	300, 450, 600	PG	.....do.....	Do.
Steel Voyager.....	KUFN	300, 450, 600	PG	.....do.....	C. & W. R. C.
Stephen R. Jones.....	KXX	300, 600	PG	Crowell & Thurlow S. S. Co.	
Storm King.....	KOGM	300, 600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Sturgeon Bay.....	KJ0I	300, 600	PG	U. S. S. B.	S. O. R. S.
Suboatco.....	KURZ	300, 600	PG	Submarine Boat Corp.	
Sucrosa.....	KNS	300, 600	PG	Cuba Distilling Co.	R. C. of A.
Sudbury.....	KRZ	300, 450, 600	PG	Shawmut S. S. Co.	Do.
Suedco.....	KUSB	300, 600	PG	Submarine Boat Corp.	
Suelco.....	KUZZ	300, 600	PG	.....do.....	
Suffolk.....	WRS	300, 600	PG	Coastwise Transportation Co.	Do.
Suholco.....	KUZF	300, 600	PG	Submarine Boat Corp.	
Summerleaf.....	KUGR	300, 600	PG	U. S. S. B.	S. O. R. S.
Sun.....	KTU	300, 600	PG	Sun Co.	R. C. of A.
Sunbeam.....	KODC	300, 600	PG	.....do.....	Do.
Sundance.....	KORD	300, 600	PG	U. S. S. B.	I. W. T. Co.
Sunelsco.....	KUSC	300, 450, 600	PG	Submarine Boat Corp.	Transmarine Corp.
Sunlite.....	KPQ	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Sunoll.....	KWP	300, 450, 600	PG	Sun Co.	Do.
Sunshine.....	KOFG	300, 600	PG	.....do.....	Do.
Suportco.....	KUZK	300, 600	PG	Submarine Boat Corp.	
Suriname.....	KLI	300, 600	PG	United Fruit Co.	T. R. T. Co.
Suruga.....	KGD	300, 450, 600	PG	Barber & Co.	R. C. of A.
Susana.....	KNX	300, 600	PG	F. I. A. T. Corp.	Do.
Susana II.....	KEMG	300, 450, 525, 600	PG	Madrigal & Co.	Owner of vessel.
Susquehanna.....	WEM	300, 450, 600	PG	Susquehanna S. S. Co. (Inc.).	
Susquehanna.....	KOLN	300, 600	PG	U. S. S. B.	I. W. T. Co.
Sutherland.....	WTJ	300, 476, 600	PG	.....do.....	S. O. R. S.
Sutransco.....	KUZG	300, 600	PG	Submarine Boat Corp.	
Suwied.....	KOXC	300, 600	PG	U. S. S. B.	I. W. T. Co.
S. V. Harkness.....	KEU	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Swampscott.....	WQIU	300, 600	PG	U. S. S. B.	
Sylvan Arrow.....	KSX	300, 450, 600	PG	Standard Transportation Co.	Do.
Tamesi.....	WTE	300, 458, 600	PG	Sinclair Navigation Co.	Do.
Tampa.....	KOVX	300, 450, 600	PG	U. S. S. B.	Do.
Tampico.....	KOXR	300, 600	PG	Crowell & Thurlow	
Tanamo.....	KVN	300, 450, 600	PG	Atlantic Fruit Co.	I. W. T. Co.
Tancarville.....	KUKM	300, 600	PG	Philippine Vegetable Oil Co.	R. C. of A.
Tanka.....	KEFF	300, 600	PG	U. S. S. B.	I. W. T. Co.
Tankerville.....	KOKB	300, 600	PG	Philippine Vegetable Oil Co.	
Tartar.....	KEKS	300, 600	PG	U. S. S. B.	S. O. R. S.
Tasco.....	KFT	300, 600	PG	T. A. Scott Co. (Inc.).	Owner of vessel.
Tashmoo.....	KOXD	300, 600	PG	U. S. S. B.	I. W. T. Co.
Tatoosh.....	WPE	300, 600	PG	Western Fuel Co.	Owner of vessel.
Tavernilla.....	KEMT	300, 600	PG		
Teal.....	KOTC	300, 600	PG	Teal Co.	
Tekoa.....	KOXF	300, 600	PG	U. S. S. B.	R. C. of A.
Tenafly.....	KOZF	300, 600	PG	.....do.....	I. W. T. Co.
Teresa.....	WJF	300, 450, 600	PG	U. S. S. B.	S. O. R. S.
Tern.....	KUFQ	300, 450, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Terre Haute.....	KOPJ	300, 600	PG	U. S. S. B.	S. O. R. S.
Texan.....	WKT	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Texarkana.....	KOCD	300, 600	PG	U. S. S. B.	R. C. of A.
Texas.....	KUM	300, 450, 600	PG	Texas Co.	I. W. T. Co.
Thala.....	KIQQ	300, 600	PG	U. S. S. B.	R. C. of A.
The Harvester.....	WCR	300, 600	PG	International Harvester Co.	Do.
The Lambs.....	KEBZ	300, 600	PG	U. S. S. B.	I. W. T. Co.
The Limit.....	WCV	300, 600	PG	Whitney Bros. Co.	R. C. of A.
Theodore Roosevelt.....	WCT	300, 600	PG	Cleveland Erie S. S. Co.	Do.
Tidewater.....	KOU	300, 450, 600	PG	Green Star S. S. Corp.	Do.
Tiger.....	KIT	300, 450, 600	PG	Standard Transportation Co.	Do.
Tillamook.....	WMOA	300, 600	PG	U. S. S. B.	S. O. R. S.
Tionesta.....	WCA	300, 600	PG	Erie & Western Transportation Co.	R. C. of A.
Tippecanoe.....	KUXL	300, 600	PG	U. S. S. B.	
Tipton.....	WQOA	300, 600	PG	.....do.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Tivives.....	KMI	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Toiler.....	WTOO	300, 600	PG	U. S. S. B.....	
Toka.....	KPAE	300, 600	PG	.....do.....	
Toledo Bridge.....	KOXG	300, 600	PG	.....do.....	I. W. T. Co.
Tollard.....	KEVX	300, 600	PG	.....do.....	Do.
Tolo.....	WQOI	300, 600	PG	.....do.....	Do.
Tona.....	KOQJ	300, 600	PG	.....do.....	Do.
Tonesit.....	KOXX	300, 600	PG	.....do.....	Do.
Toopi.....	KULP	300, 600	PG	.....do.....	R. C. of A.
Topila.....	KKE	300, 450, 600	PG	Southern Pacific Co.....	Do.
Tormenter.....	KFN	300, 600	PG	Freeport & Tampico Fuel Oil Transportation Co.	Do.
Torres.....	KKF	300, 450, 600	PG	Southern Pacific Co.....	Do.
Transportation.....	KEJX	300, 600	PG	Coastwise Transportation Co.	Do.
Traveller.....	KIVK	300, 600	PG	U. S. S. B.....	S. O. R. S.
Tri Mountain.....	KOQF	300, 600	PG	.....do.....	R. C. of A.
Trinidadian.....	KNO	300, 600	PG	Gulf Refining Co.....	I. W. T. Co.
Tripp.....	KIMC	300, 600	PG	U. S. S. B.....	Do.
Triumph.....	KEND	300, 600	PG	.....do.....	R. C. of A.
Trontolite.....	KOM	300, 600	PG	Standard Oil Co. of N. J.	I. W. T. Co.
Tuckahoe.....	KJOU	300, 450, 600	PG	U. S. S. B.....	Do.
Tukanuck.....	KIMB	300, 600	PG	.....do.....	S. O. R. S.
Tuladi.....	KOXL	300, 600	PG	.....do.....	R. C. of A.
Tulsa.....	KIKR	300, 600	PG	.....do.....	Do.
Tunica.....	WJP	300, 600	PG	.....do.....	T. R. T. Co.
Turrialba.....	KDT	300, 600	PG	United Fruit Co.....	I. W. T. Co.
Tuscan.....	KUDC	300, 600	PG	Munson S. S. Line.....	S. O. R. S.
Tuwetanka.....	KOLG	300, 600	PG	U. S. S. B.....	R. C. of A.
Twilite.....	KPO	300, 450, 600	PG	Standard Oil Co. of N. J.	I. W. T. Co.
Tyee.....	KENB	300, 600	PG	U. S. S. B.....	Owner of vessel.
Tyee.....	WPC	300, 600	PG	Skinner & Eddy Corp.	R. C. of A.
Ulysses.....	KPU	300, 600	PG	Panama R. R. Co.....	Do.
Umatilla.....	KSUO	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Undaunted.....	WGM	300, 600	PG	Hind-Rolph & Co.....	Owner of vessel.
Unicoi.....	KUQP	300, 600	PG	U. S. S. B.....	R. C. of A.
Union Liberty.....	KUNG	300, 600	PG	.....do.....	S. O. R. S.
United States.....	KZU	300, 450, 600	PG	E. H. R. Green.....	I. W. T. Co.
Utacarbon.....	KUMC	300, 450, 600	PG	U. S. S. B.....	Owner of vessel.
Utina.....	KIPM	300, 600	PG	.....do.....	R. C. of A.
Utoka.....	KERK	300, 600	PG	.....do.....	S. O. R. S.
Vacuum.....	KUTS	300, 450, 600	PG	Vacuum Oil Co.....	R. C. of A.
Vacuum II.....	KIMK	300, 600	PG	Jesse H. Jay.....	S. O. R. S.
Valdez.....	WAK	300, 600	PG	Alaska S. S. Co.....	I. W. T. Co.
Vallonia.....	KULR	300, 600	PG	U. S. S. B.....	Owner of vessel.
Vanada.....	KOBF	300, 600	PG	.....do.....	R. C. of A.
Velero.....	WHV	300, 600	PG	G. Allan Hancock.....	I. W. T. Co.
Venetia.....	WOW	300, 600	P	J. D. Spreckels.....	Owner of vessel.
Venezuela.....	WBG	300, 600, 1800	PG	Pacific Mail S. S. Co.....	Do.
Ventura.....	WHL	300, 600, 1800	PG	Oceanic S. S. Co.....	F. T. Co.
Vesta.....	KTS	300, 450, 600	PG	Standard Oil Co.....	R. C. of A.
Victoria.....	WAD	300, 450, 525	PG	Alaska S. S. Co.....	S. O. R. S.
Victorius.....	WXIA	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Vigilant.....	KOZP	300, 425, 600	PG	E. K. Wood Lumber Co.	S. O. R. S.
Vincennes Bridge.....	KOXM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Vincent.....	KIZS	300, 600	PG	.....do.....	Do.
Vinita.....	KOTL	300, 450, 600	PG	.....do.....	R. C. of A.
Vinton County.....	KORQ	300, 600	PG	.....do.....	I. W. T. Co.
Virginia.....	KUV	300, 450, 600	PG	Texas Co.....	Do.
Virginia Bridge.....	KUCF	300, 600	PG	U. S. S. B.....	S. O. R. S.
Virginian.....	WKV	300, 600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
Vittorio Emmanuele III.....	KBUI	300, 600	PG	U. S. S. B.....	R. C. of A.
Vizcaya.....	WSQ	300, 600	PG	.....do.....	I. W. T. Co.
Volunteer.....	WFAO	300, 600	PG	U. S. S. B.....	Do.
Von Steuben.....	KOXP	300, 600	PG	.....do.....	Do.
Waban.....	KJT	300, 450, 600	PG	.....do.....	R. C. of A.
Wabash.....	WNC	300, 600	PG	.....do.....	Do.
Wachusetts.....	WJL	300, 600	PG	.....do.....	Do.
Waco.....	KIRP	300, 600	PG	.....do.....	R. C. of A.
Wacouta.....	WLG	300, 450, 600	PG	N. Y. & C. M. S. S. Co.	I. W. T. Co.
Wahkeena.....	WMS	300, 600	PG	Wahkeena S. S. Co.....	R. C. of A.
Wahkiakum.....	KNIA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Wakan.....	WDAI	300, 600	PG	.....do.....	I. W. T. Co.

48 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Wakanna	KKOU	300,600	PG	U. S. S. B	J. W. T. Co.
Wakiki	WRUU	300,600	PG	.....do.....	R. C. of A.
Wakulla	KRUO	300,600	PG	.....do.....	I. W. T. Co.
Walden	KIGG	300,600	PG	.....do.....	R. C. of A.
Wallingford	KEPV	300,476,600	PG	.....do.....	Do.
Wallkill	KIPD	300,600	PG	.....do.....	Do.
Wallowa	KQAI	300,600	PG	.....do.....	S. O. R. S.
Wallowa	WPY	300,450,600	PG	Port of Portland, Oreg.	Do.
Walter A. Luckenbach	KJIE	300,600	PG	Luckenbach S. S. Co.	Do.
Walter D. Munson	KVJ	300,450,600	PG	Munson S. S. Co.....	R. C. of A.
Walter D. Noyes	KDY	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
Walter Hardcastle	KQB	300,600	PG	Sinclair Gulf Corp.....	I. W. T. Co.
Wampum	KROI	300,450,600	PG	U. S. S. B.....	Owner of vessel.
Wana	KYX	300,600	P	George C. Sherman.....	I. W. T. Co.
Waneyanda	WXIE	300,600	PG	U. S. S. B.....	R. C. of A.
Wanzu	WDAU	300,600	PG	.....do.....	Do.
Wapama	WMG	300,600	PG	Wapama S. S. Co.....	I. W. T. Co.
Warszawa	WLM	300,600	PG	Polish-American Navigation Corp.	Owner of vessel.
Wasagya	KOPN	300,600	PG	U. S. S. B.....	R. C. of A.
Wasco	KKIO	300,600	PG	.....do.....	S. O. R. S.
Washtenaw	WPOO	300,600	PG	Union S. S. Co.....	F. T. Co.
Wassau	KROO	300,600	PG	U. S. S. B.....	S. O. R. S.
Watauga	WQT	300,600	PG	.....do.....	R. C. of A.
Waterbury	KUPT	300,600	PG	.....do.....	Do.
Watertown	KING	300,600	PG	.....do.....	S. O. R. S.
Wathena	WDIE	300,600	PG	.....do.....	Do.
Watowwan	WDII	300,600	PG	.....do.....	Do.
Waubesa	WGOO	300,600	PG	.....do.....	Do.
Wauconda	WREE	300,600	PG	.....do.....	I. W. T. Co.
Waukau	KIDV	300,600	PG	.....do.....	Do.
Waukegan	KIDX	300,600	PG	.....do.....	S. O. R. S.
Waukesha	KKEO	300,450,600	PG	.....do.....	I. W. T. Co.
Wauwatosa	KUCK	300,600	PG	.....do.....	Do.
Wawalona	KEXM	300,600	PG	.....do.....	R. C. of A.
Waxahachie	KILM	300,600	PG	.....do.....	I. W. T. Co.
Wayhut	WGUU	300,600	PG	.....do.....	R. C. of A.
Wayucan	KKUA	300,600	PG	.....do.....	Do.
W. B. Keene	KWK	300,600	PG	Savannah - New York Transportation Co.	I. W. T. Co.
W. C. Teagle	KTY	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Wekika	KIXX	300,600	PG	U. S. S. B.....	S. O. R. S.
Wellington	KMR	300,450,600	PG	Henry W. Cook.....	R. C. of A.
Wenakee	WXII	300,600	PG	U. S. S. B.....	S. O. R. S.
West Alcoz	KIDD	300,600	PG	.....do.....	I. W. T. Co.
West Aleta	KIQG	300,600	PG	.....do.....	Do.
West Alsek	KJUO	300,600	PG	.....do.....	Do.
West Amargosa	KEJS	300,600	PG	.....do.....	Do.
West Apaum	KJUU	300,600	PG	.....do.....	S. O. R. S.
West Arrow	WKS	300,600	PG	.....do.....	Do.
West Arvada	KVIE	300,600	PG	.....do.....	I. W. T. Co.
West Ashawa	KFH	300,600	PG	.....do.....	S. O. R. S.
West Avenal	KENG	300,600	PG	.....do.....	I. W. T. Co.
Westboro	KBUU	300,600	PG	.....do.....	Do.
West Bridge	KJOO	300,600	PG	.....do.....	I. W. T. Co.
Westbrook	WLI	300,600	PG	.....do.....	S. O. R. S.
West Cactus	KIVV	300,600	PG	.....do.....	I. W. T. Co.
West Caddoa	KODF	300,600	PG	.....do.....	Do.
West Cadron	KUDK	300,600	PG	.....do.....	S. O. R. S.
West Cahokia	KUPI	300,450,600	PG	.....do.....	I. W. T. Co.
West Cajoot	KEXX	300,476,600	PG	.....do.....	Do.
West Calera	KUMM	300,450,600	PG	.....do.....	S. O. R. S.
West Columb	KILT	300,600	PG	.....do.....	I. W. T. Co.
West Camak	KUST	300,600	PG	.....do.....	R. C. of A.
West Campgaw	KUFR	300,450,600	PG	.....do.....	S. O. R. S.
West Cape	WXEO	300,600	PG	.....do.....	I. W. T. Co.
West Carnifax	KEFC	300,450,600	PG	.....do.....	R. C. of A.
West Carruth	KESJ	300,600	PG	.....do.....	I. W. T. Co.
West Catanace	KEE	300,600	PG	Elder Steel S. S. Co.	S. O. R. S.
West Cavanal	KIFD	300,600	PG	U. S. S. B.....	R. C. of A.
West Cawthon	KILZ	300,600	PG	.....do.....	Do.
West Cayote	KIRF	300,600	PG	.....do.....	Do.
West Celeron	KKJ	300,600	PG	.....do.....	I. W. T. Co.
West Celina	KEZR	300,450,600	PG	.....do.....	R. C. of A.
West Chatala	KIPJ	300,600	PG	.....do.....	S. O. R. S.
West Cherow	KJM	300,600	PG	.....do.....	Do.
Westchester	WCL	300,476,600	PG	.....do.....	I. W. T. Co.

RADIO STATIONS OF THE UNITED STATES.

49

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
West Cheswald.....	KIXB	300, 600	PG	U. S. S. B.....	R. C. of A.
West Chetac.....	KIMG	300, 600	PG	.....do.....	I. W. T. Co.
West Coast.....	KRAA	300, 600	PG	.....do.....	S. O. R. S.
West Cobalt.....	KEKD	300, 600	PG	.....do.....	Do.
West Cohas.....	KNAE	300, 600	PG	.....do.....	R. C. of A.
West Compo.....	KENJ	300, 600	PG	.....do.....	S. O. R. S.
West Conob.....	KIFP	300, 476, 600	PG	.....do.....	I. W. T. Co.
West Corum.....	KEVD	300, 600	PG	.....do.....	S. O. R. S.
West Cressy.....	WGOU	300, 600	PG	.....do.....	I. W. T. Co.
West Durfee.....	KJAI	300, 378, 600	PG	.....do.....	S. O. R. S.
West Eagle.....	WQZ	300, 600	PG	.....do.....	Do.
West Ekconk.....	KQIU	300, 600	PG	.....do.....	I. W. T. Co.
West Elcajon.....	KELK	300, 450, 600	PG	.....do.....	Do.
West Elcasco.....	WJOA	300, 600	PG	.....do.....	S. O. R. S.
West Eldara.....	WJOE	300, 600	PG	.....do.....	I. W. T. Co.
Western Ally.....	KEJF	300, 600	PG	.....do.....	Do.
Western Belle.....	WKUI	300, 600	PG	.....do.....	S. O. R. S.
Western Chief.....	KNAO	300, 420, 600	PG	.....do.....	R. C. of A.
Western City.....	KNAI	300, 600	PG	.....do.....	I. W. T. Co.
Western Comet.....	WXEI	300, 600	PG	.....do.....	S. O. R. S.
Western Cross.....	KTEE	300, 600	PG	.....do.....	R. C. of A.
Westerner.....	KIK	300, 600	PG	.....do.....	Do.
Western Front.....	WJQ	300, 450, 600	PG	.....do.....	S. O. R. S.
Western Glen.....	KEDR	300, 378, 600	PG	.....do.....	I. W. T. Co.
Western Hero.....	KIU	300, 600	PG	.....do.....	S. O. R. S.
Western Hope.....	WFIA	300, 600	PG	.....do.....	R. C. of A.
Western King.....	WEP	300, 600	PG	.....do.....	Do.
Western Knight.....	KEFQ	300, 600	PG	.....do.....	S. O. R. S.
Western Light.....	KQOQ	300, 600	PG	.....do.....	Do.
Western Maid.....	WJEA	300, 600	PG	.....do.....	R. C. of A.
Western Ocean.....	WZIU	300, 600	PG	.....do.....	S. O. R. S.
Western Plains.....	WGT	300, 600	PG	.....do.....	Do.
Western Pride.....	WWK	300, 378, 600	PG	.....do.....	I. W. T. Co.
Western Queen.....	WXEA	300, 600	PG	.....do.....	S. O. R. S.
Western Scout.....	KNAA	300, 600	PG	.....do.....	I. W. T. Co.
Western Sea.....	KNEA	300, 600	PG	.....do.....	Do.
Western Spirit.....	WEU	300, 600	PG	.....do.....	Do.
Western Star.....	WED	300, 440, 500, 600	PG	Detroit & Cleveland Navigation Co.	R. C. of A.
Western States.....	WWC	300, 600	PG	U. S. S. B.	S. O. R. S.
Western Wave.....	KERJ	300, 600	PG	.....do.....	R. C. of A.
West Erral.....	KXU	300, 600	PG	.....do.....	Do.
Westfield.....	KNAU	300, 600	PG	.....do.....	I. W. T. Co.
Westford.....	WFAE	300, 600	PG	.....do.....	S. O. R. S.
West Galeta.....	KVEI	300, 600	PG	.....do.....	I. W. T. Co.
West Galoc.....	KQUU	300, 600	PG	.....do.....	Do.
West Gumbo.....	WET	300, 600	PG	.....do.....	S. O. R. S.
West Gotomiska.....	WGIA	300, 600	PG	.....do.....	R. C. of A.
West Grama.....	KJAU	300, 600	PG	.....do.....	Do.
West Grove.....	WSP	300, 378, 600	PG	.....do.....	I. W. T. Co.
Westhampton.....	KEZM	300, 600	PG	.....do.....	S. O. R. S.
West Harcuvar.....	KEDX	300, 600	PG	.....do.....	I. W. T. Co.
West Hardaway.....	KEDZ	300, 600	PG	.....do.....	S. O. R. S.
West Hargrave.....	KEFS	300, 600	PG	.....do.....	I. W. T. Co.
West Harlan.....	KEFX	300, 600	PG	.....do.....	S. O. R. S.
West Harshaw.....	KEGS	300, 450, 600	PG	.....do.....	I. W. T. Co.
West Hartland.....	KEGT	300, 600	PG	.....do.....	S. O. R. S.
West Hartley.....	KEFZ	300, 600	PG	.....do.....	I. W. T. Co.
West Harts.....	KEGX	300, 600	PG	.....do.....	Do.
West Hassayampa.....	KJV	300, 450, 525, 600	PG	.....do.....	S. O. R. S.
West Haven.....	WSUA	300, 600	PG	.....do.....	Do.
West Helix.....	KEZP	300, 600	PG	.....do.....	I. W. T. Co.
West Hematite.....	KEZN	300, 600	PG	.....do.....	R. C. of A.
West Hembrie.....	KEBQ	300, 476, 600	PG	.....do.....	S. O. R. S.
West Henshaw.....	KINP	300, 600	PG	.....do.....	Do.
West Hepburn.....	KOTN	300, 600	PG	.....do.....	Do.
West Hesseltine.....	KOZK	300, 600	PG	.....do.....	I. W. T. Co.
West Hika.....	KUDQ	300, 476, 600	PG	.....do.....	S. O. R. S.
West Himrod.....	KUKV	300, 600	PG	.....do.....	I. W. T. Co.
West Hixton.....	WFAI	300, 600	PG	.....do.....	S. O. R. S.
West Hobomac.....	KUXB	300, 600	PG	.....do.....	Do.
West Holbrook.....	WFEL	300, 600	PG	.....do.....	R. C. of A.
West Hosokie.....	WZAE	300, 600	PG	.....do.....	Do.
West Humhaw.....	KECX	300, 600	PG	.....do.....	S. O. R. S.
West Imboden.....	KJAE	300, 600	PG	.....do.....	Do.
West Indian.....					

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
West Inskip.....	KITZ	300, 600	PG	U. S. S. B	R. C. of A.
West Ira.....	KOGL	300, 476, 600	PG	.....do.....	Do.
West Irmo.....	KIFB	300, 600	PG	.....do.....	Do.
West Islay.....	KICP	300, 600	PG	Imperial Shipping Corp.	Do.
West Isleta.....	KICQ	300, 600	PG	U. S. S. B	Do.
West Islip.....	KIKX	300, 600	PG	.....do.....	S. O. R. S.
West Ison.....	KINN	300, 600	PG	.....do.....	R. C. of A.
West Ivan.....	KOZS	300, 600	PG	.....do.....	Do.
West Ivis.....	KOQQ	300, 600	PG	.....do.....	I. W. T. Co.
West Jaffrey.....	KOCX	300, 450, 600	PG	.....do.....	R. C. of A.
West Jappa.....	KUKJ	300, 450, 600	PG	.....do.....	I. W. T. Co.
West Jena.....	KOTG	300, 450, 600	PG	.....do.....	Do.
West Jessup.....	KOXS	300, 450, 600	PG	.....do.....	R. C. of A.
West Jester.....	KUDG	300, 600	PG	.....do.....	I. W. T. Co.
West Kader.....	KOSL	300, 600	PG	.....do.....	S. O. R. S.
West Kasson.....	KIKM	300, 600	PG	.....do.....	I. W. T. Co.
West Katan.....	KOBK	300, 450, 600	PG	.....do.....	S. O. R. S.
West Keats.....	KUQK	300, 450, 600	PG	.....do.....	I. W. T. Co.
West Kebar.....	KDAN	300, 600	PG	.....do.....	S. O. R. S.
West Kedron.....	KDAP	300, 600	PG	.....do.....	Do.
West Keeme.....	KISK	300, 600	PG	.....do.....	R. C. of A.
West Kyska.....	WJOU	300, 600	PG	.....do.....	Do.
Westlake.....	WTH	300, 378, 600	PG	.....do.....	S. O. R. S.
Westland.....	KJX	300, 450, 600	PG	.....do.....	Do.
West Lashaway.....	WREA	300, 600	PG	.....do.....	Do.
West Lianga.....	KJAO	300, 376, 600	PG	.....do.....	I. W. T. Co.
West Loquassuck.....	WJOI	300, 600	PG	.....do.....	S. O. R. S.
West Madaket.....	WJOO	300, 600	PG	.....do.....	I. W. T. Co.
West Mahomet.....	WTUU	300, 600	PG	.....do.....	S. O. R. S.
West Mahwah.....	KUTC	300, 450, 600	PG	.....do.....	I. W. T. Co.
West Maximus.....	KEDQ	300, 600	PG	.....do.....	Do.
Westmead.....	WDIO	300, 600	PG	.....do.....	R. C. of A.
West Mingo.....	KORB	300, 600	PG	.....do.....	S. O. R. S.
West Modus.....	KENK	300, 600	PG	.....do.....	I. W. T. Co.
West Montop.....	KOTR	300, 600	PG	.....do.....	S. O. R. S.
Westmoreland.....	KIQC	300, 600	PG	.....do.....	I. W. T. Co.
Westmount.....	KBUO	300, 600	PG	.....do.....	R. C. of A.
West Munham.....	KEXF	300, 600	PG	.....do.....	S. O. R. S.
West Neris.....	KOTK	300, 600	PG	.....do.....	I. W. T. Co.
West Niger.....	KOZJ	300, 476, 600	PG	.....do.....	R. C. of A.
West Nilus.....	KUFJ	300, 450, 600	PG	.....do.....	S. O. R. S.
West Nivaria.....	KUQJ	300, 450, 600	PG	.....do.....	Do.
West Nohno.....	KEXG	300, 600	PG	.....do.....	I. W. T. Co.
West Nomentum.....	KUSG	300, 600	PG	.....do.....	R. C. of A.
West Norranus.....	KUVZ	300, 600	PG	.....do.....	I. W. T. Co.
West Nosska.....	KEDV	300, 600	PG	.....do.....	R. C. of A.
West Notus.....	KDAM	300, 600	PG	.....do.....	Do.
Westoil.....	KIVP	300, 600	PG	Standard Oil Co. of N.J	Do.
West Pocasset.....	KOCK	300, 600	PG	U. S. S. B	S. O. R. S.
West Point.....	KJY	300, 450, 600	PG	Neptune Line (Inc.)	R. C. of A.
Westpool.....	WROA	300, 450, 600	PG	U. S. S. B	Do.
Westport.....	WFEO	300, 450, 600	PG	.....do.....	Do.
West Quechee.....	KEDT	300, 600	PG	.....do.....	Do.
West Raritans.....	KIXC	300, 600	PG	.....do.....	Do.
West Saginaw.....	KOCV	300, 600	PG	.....do.....	Do.
West Segovia.....	KIPK	300, 600	PG	.....do.....	S. O. R. S.
West Selene.....	KIXZ	300, 600	PG	.....do.....	I. W. T. Co.
West Sequana.....	WSOI	300, 450, 600	PG	.....do.....	Do.
West Shore.....	WMD	300, 450, 600	PG	.....do.....	R. C. of A.
West Tacook.....	KECR	300, 600	PG	.....do.....	I. W. T. Co.
West Togus.....	KEXJ	300, 600	PG	.....do.....	Do.
West Totant.....	KEXK	300, 600	PG	.....do.....	Do.
West Vaca.....	KEMX	300, 600	PG	.....do.....	R. C. of A.
West View.....	WDIU	300, 600	PG	.....do.....	S. O. R. S.
Westward Ho.....	WKX	300, 600	PG	.....do.....	Do.
West Wauna.....	WSUE	300, 600	PG	.....do.....	Do.
West Waumeke.....	WSUI	300, 600	PG	.....do.....	I. W. T. Co.
Westwego.....	KGE	300, 450, 600	PG	Union Petroleum Steamship Co.	R. C. of A.
West Wind.....	KJH	300, 600	PG	U. S. S. B	S. O. R. S.
Westwood.....	WTF	300, 478, 600	PG	.....do.....	Do.
West Zeda.....	WKUU	300, 600	PG	.....do.....	I. W. T. Co.
West Zucker.....	WJIA	300, 600	PG	.....do.....	S. O. R. S.
West Zula.....	WQE0	300, 600	PG	.....do.....	I. W. T. Co.
W. F. Burrows.....	WHD	300, 425, 525, 600	PG	Libby, McNeill & Libby Limestone Transportation Co.	S. O. R. S.
W. F. White.....	WGC	300, 600	PG	.....do.....	R. C. of A.
Wheatland Montana.....	KISF	300, 600	PG	U. S. S. B	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY, BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Wheaton.....	WMUA	300,600	PG	U. S. S. B.....	R. C. of A.
Wheeling Mold.....	KUNM	300,450,600	PG	.....do.....	I. W. T. Co.
Whitemarsh.....	KOMG	300,600	P	F. R. Payne.....	
Whittier.....	WHT	300,600,1800	PG	T. A. Hays.....	F. T. Co.
W. H. Tilford.....	KPD	300,600	PG	Standard Oil Co. of N. J	R. C. of A.
Wicasta.....	KLIG	300,600	PG	U. S. S. B.....	
Wico.....	KNN	300,600	PG	Standard Oil Co. of N. J	
Widgeon.....	KOSB	300,600	PG	Widgeon Co. (Inc.).....	Do.
Wihaha.....	WDEA	300,600	PG	U. S. S. B.....	Owner of vessel.
Wild Duck.....	KYVG	300,450,600	PG	Gulf Refining Co.....	I. W. T. Co.
Wild Goose.....	KOTS	300,600	PG	Wild Goose Co. (Inc.)	R. C. of A.
Wildwood.....	KORV	300,600	PG	U. S. S. B.....	Owner of vessel.
Wilhelmina.....	WMO	300,450,600	PG	Matson Navigation Co.	S. O. R. S.
Wilhelm Jebsen.....	WNQ	300,450,600	PG	U. S. S. B.....	R. C. of A.
Willamette.....	WSW	300,600	PG	Willamette S. S. Co.....	Do.
Willaro.....	KITX	300,600	PG	Williams S. S. Co. (Inc.)	Do.
William A. McKenney.....	WOM	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
William A. Reiss.....	WNI	300,600	PG	Reiss S. S. Co.....	Do.
William A. Whitney.....	KUSS	300,600	PG	Whitney Bros. Co.....	Do.
William B. Livingstone.....	KDAQ	300,600	PG	Montreal Transit Co.....	Do.
William G. Mather.....	KKUI	300,450,600	PG	Cleveland Cliffs Iron Co.	Do.
William Green.....	WIY	300,450,600	PG	Pan-American Petroleum & Transport Co.	Do.
William H. Webb.....	KOZV	300,600	PG	U. S. S. B.....	S. O. R. S.
William Isom.....	KVY	300,450,600	PG	American-Italian Commercial Corp.	R. C. of A.
William M. Mills.....	KEJT	300,600	PG	William M. Mills.....	I. W. T. Co.
William N. Page.....	WFOO	300,600	PG	Castner, Curran & Bullitt.	R. C. of A.
Willimantic.....	KMIO	300,600	PG	U. S. S. B.....	S. O. R. S.
Willpolo.....	KOBM	300,600	PG	Williams S. S. Co.....	R. C. of A.
Wilsox.....	WPAO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Windber.....	WND	300,450,600	PG	Pacific-American Fisheries.	R. C. of A.
Winding Gulf.....	WFEE	300,600	PG	Castner, Curran & Bullitt.	
Winifred.....	KTE	300,600	PG	Gulf Refining Co.....	I. W. T. Co.
Winnebago.....	KTEI	300,450,525, 600	PG	American Transatlantic Co.	Owner of vessel.
Winona.....	KUNV	300,450,600	PG	U. S. S. B.....	R. C. of A.
Winona County.....	KIZR	300,600	PG	.....do.....	Do.
Winston-Salem.....	KUJS	300,600	PG	.....do.....	S. O. R. S.
Winyah.....	KIMM	300,600	PG	.....do.....	Do.
Wishkah.....	KNEU	300,600	PG	.....do.....	Do.
Wista.....	KOTP	300,600	PG	Polish-American Nav. Corp.	R. C. of A.
Wisteria.....	KOJN	300,600	PG	Foreign & Domestic Transportation Corp.	
W. K. Bixby.....	KURJ	300,600	PG	American S. S. Co.....	Do.
W. L. Steed.....	WSEE	300,600	PG	U. S. S. B.....	Do.
W. M. Burton.....	KMII	300,600	PG	Atlantic Refining Co.....	Do.
Wm. F. Herrin.....	WTN	300,600,1800	PG	Associated Oil Co.....	F. T. Co.
Wm. G. Warden.....	KNF	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
W. M. Irish.....	KJOE	300,600	PG	Atlantic Refining Co.	
W. M. Tupper.....	WJR	300,600	PG	Gulf & Southern Steamship Co.	Do.
Wonahbe.....	KIBX	300,600	PG	U. S. S. B.....	Do.
Woodman.....	KIBP	300,600	PG	.....do.....	I. W. T. Co.
Woodmansie.....	KIPF	300,600	PG	.....do.....	S. O. R. S.
Woonsocket.....	WCW	300,450,600	PG	.....do.....	R. C. of A.
Worcester.....	KIKL	300,600	PG	.....do.....	S. O. R. S.
Woudrichem.....	KGIU	300,600	PG	Universal Transportation Co.	I. W. T. Co.
Woyaca.....	KETK	300,600	PG	U. S. S. B.....	S. O. R. S.
W. S. Porter.....	WTM	300,600,1800	PG	Associated Oil Co.....	F. T. Co.
W. S. Rheem.....	WGAO	300,600	PG	U. S. S. B.....	R. C. of A.
Wyandotte.....	WCO	300,500,600	PG	Wyandotte Transportation Co.	Do.
Wyandotte.....	WJW	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Wye.....	KERS	300,600	PG	.....do.....	R. C. of A.
Wynoache.....	KFE	300,600	PG	U. S. S. B.....	Do.
Wyoming.....	KQT	300,450,600	PG	France & Canada S. S. Corp.	
Wytheville.....	KITL	300,600	PG	U. S. S. B.....	Do.

52 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Xenia.....	KOLQ	300,450,600	PG	Foreign & Domestic Transportation Corp. U. S. S. B.....	R. C. of A. Do.
Yadkin.....	KWL	300,600	PG	.....do.....	S. O. R. S.
Yainax.....	WXAE	300,600	PG	.....do.....	I. W. T. Co.
Yakima.....	KNUI	300,600	PG	.....do.....	Do.
Yaklok.....	KIGX	300,600	PG	.....do.....	R. C. of A.
Yamhill.....	WVIE	300,600	PG	.....do.....	I. W. T. Co.
Yaguina.....	KENF	300,600	PG	.....do.....	S. O. R. S.
Yawah.....	KEDF	300,600	PG	.....do.....	Do.
Yellowstone.....	KJEE	300,600	PG	.....do.....	Do.
Yesoking.....	KERQ	300,600	PG	.....do.....	R. C. of A.
Yomachichi.....	WPAI	300,600	PG	.....do.....	I. W. T. Co.
York Harbor.....	KOJB	300,600	PG	.....do.....	S. O. R. S.
Yosemite.....	KYS	300,476,600	PG	.....do.....	Do.
Yosemite.....	WQY	300,600	PG	Pope & Talbot Co.	Do.
Youngstown.....	KIFX	300,600	PG	U. S. S. B.....	S. O. R. S.
Yucca.....	KWJ	300,600	PG	.....do.....	Do.
Yukon.....	WXEU	300,600	PG	.....do.....	R. C. of A.
Yuma.....	WJAI	300,600	PG	Tropical Fruit Co.....	I. W. T. Co.
Zaca.....	WKOA	300,600	PG	U. S. S. B.....	Do.
Zacapa.....	KLE	300,450,600	PG	United Fruit Co.....	T. R. T. Co.
Zapora.....	WPQ	300,600	PG	Booth Fisheries Co.....	S. O. R. S.
Zarembo.....	KICS	300,600	PG	Nacirema S. S. Corp.	I. W. T. Co.
Zavalla.....	KEVC	300,450,600	PG	.....do.....	R. C. of A.
Zenith.....	KZE	300,600	P	Charles Longstreth.....	I. W. T. Co.
Zirkel.....	WREO	300,600	PG	U. S. S. B.....	R. C. of A.
Zulia.....	KDZ	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Station.	Call signal.	Station.
KBA	Lake Ontario.....b	KEBS	Jekyl.....b
KBAI	Lake Bridge.....b	KEBT	Nesco.....b
KBAO	Lake Superior.....b	KEBV	Lake Flushing.....b
KBAU	Lakeshore.....b	KEBX	Remus.....b
KBEA	Lake Weir.....b	KEBZ	The Lambs.....b
KBEE	Lakeview.....b	KEC	Concho.....b
KBEI	Lake Dunmore.....b	KECB	Edenton.....b
KBEO	Lake George.....b	KECC	Marshfield.....b
KBEU	Ardena.....b	KECF	Cawker.....b
KBIA	Fort George.....b	KECG	Chicago Bridge.....b
KBOE	Artisan.....b	KECJ	Decatur Bridge.....b
KBOO	Lakewood.....b	KECK	Hico.....b
KBOU	Lakeland.....b	KECL	Opelika.....b
KBUA	Lake Traverse.....b	KECM	Lake Gitano.....b
KBUE	Lake Stirling.....b	KECN	Lake Fannin.....b
KBUI	Vittorio Emmanuele III.....b	KECR	West Tacook.....b
KBUO	Westmount.....b	KECS	Duquesne.....b
KBUU	Westboro.....b	KECT	Horodo.....b
KCAE	Chetopa.....b	KECV	Lake Flynnus.....b
KCOE	Nipisc.....b	KECX	West Imboden.....b
KDA	Philadelphia.....b	KECZ	Ahala.....b
KDAB	Hog Island, Pa.....c	KEDB	Balosaro.....b
KDAC	Sinasta.....b	KEDC	Dalgada.....b
KDAD	Agwisun.....b	KEDD	Acrema.....b
KDAF	Feeconic.....b	KEDF	Yawah.....b
KDAG	M. Mitchell Davis.....b	KEDG	Kamesit.....b
KDAH	Fairport, Va.....c	KEDK	Onekama.....b
KDAJ	N. & K. No. 2.....b	KEDL	Fame.....b
KDAK	Fish Canners No. 1.....b	KEDM	Lake Faribault.....b
KDAL	Broxton.....b	KEDN	Lake Fariston.....b
KDAM	West Notus.....b	KEDP	Lake Farley.....b
KDAN	West Kebar.....b	KEDQ	West Maximus.....b
KDAP	West Kedron.....b	KEDR	Western Glen.....b
KDAQ	William B. Livingstone.....b	KEDS	Imutka.....b
KDB	Caracas.....b	KEDT	West Quechee.....b
KDD	Cartago.....b	KEDV	West Nosska.....b
KDE	Carrillo.....b	KEDX	West Hardaway.....b
KDEA	Lake Fernwood.....b	KEDZ	West Hargrave.....b
KDF	Coppename.....b	KEE	West Catanace.....b
KDG	Parismina.....b	KEF	Henry R. Mallory.....b
KDH	Heredia.....b	KEFB	Sac City.....b
KDI	Abangarez.....b	KEFC	West Carnifax.....b
KDJ	San Jose.....b	KEFD	Ban Harbor.....b
KDK	Atenas.....b	KEFF	Tanka.....b
KDL	Levisa.....b	KEFJ	Copalgrove.....b
KDM	Maracaibo.....b	KEFK	Cerro Gardo.....b
KDO	Esparta.....b	KEFL	Chamberino.....b
KDOI	Consort.....b	KEFM	Lake Inaha.....b
KDQ	Santore.....b	KEFN	Lake Friar.....b
KDR	Limon.....b	KEFP	Lake Frio.....b
KDS	Sixaoa.....b	KEFQ	Western Knight.....b
KDT	Turrialba.....b	KEFR	Ossining.....b
KDV	Libby Maine.....b	KEFS	West Harlan.....b
KDW	Nakat Inlet, Alaska.....c	KEFT	City of Eureka.....b
KDX	Firmore.....b	KEFX	West Harshaw.....b
KDY	Walter D. Noyes.....b	KEFZ	West Harts.....b
KDZ	Zulia.....b	KEG	Rio Grande.....b
KEA	Phyllis.....b	KEGB	Morganza.....b
KEB	Sabine.....b	KEGC	Bristol.....b
KEBC	Nehalem.....b	KEGF	Eclipse.....b
KEBD	Abron.....b	KEGG	Chamblee.....b
KEBF	Edgefield.....b	KEGJ	Chaparel.....b
KEBG	Fort Stevens.....b	KEGK	Chantier.....b
KEBJ	Fort Scott.....b	KEGL	Lake Foxcraft.....b
KEBK	Fort Smith.....b	KEGM	Dirigo.....b
KEBL	Fort Sill.....b	KEGN	Lake Frolono.....b
KEBM	Lake Giltedge.....b	KEGP	Lake Frugality.....b
KEBN	Lake Girth.....b	KEGQ	Saluda.....b
KEBP	Lake Farabee.....b	KEGR	Lake Frohma.....b
KEBQ	West Henshaw.....b	KEGS	West Hartland.....b
KEBR	Lake Strabo.....b	KEGT	West Hartley.....b

54 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.		
KEGX	West Hassayampa.....	.b	KENJ	West Compo.....	.b
KEH	Nueces.....	.b	KENK	West Modus.....	.b
KEI	Medina.....	.b	KENL	Boone.....	.b
KEJ	Alamo.....	.b	KENM	Coverun.....	.b
KEJB	Kokomo.....	.b	KENN	Cowan.....	.b
KEJD	Easterling.....	.b	KENP	Lake Elkwood.....	.b
KEJF	Western Ally.....	.b	KENQ	Ballew.....	.b
KEJG	Lake Fraichur.....	.b	KENR	Itompa.....	.b
KEJJ	Lake Fraley.....	.b	KENS	Cabrilie.....	.b
KEJK	Lake Grainger.....	.b	KENT	Lake Frecks.....	.b
KEJL	Lake Grama.....	.b	KENV	Ballcamp.....	.b
KEJN	Lake Fanbush.....	.b	KENX	Clincho.....	.b
KEJP	Lake Faulk.....	.b	KENZ	Banaran.....	.b
KEJQ	Cabegon.....	.b	KEP	Lampasas.....	.b
KEJS	West Amargosa.....	.b	KEPB	Fort Leavenworth.....	.b
KEJT	William M. Mills.....	.b	KEPC	Burnwood.....	.b
KEJV	Faraby.....	.b	KEPD	Diablo.....	.b
KEJX	Transportation.....	.b	KEPF	Mercer.....	.b
KEK	San Marcos.....	.b	KEPG	Agwistar.....	.b
KEKB	East Wind.....	.b	KEPJ	Brevard.....	.b
KEKC	Norma.....	.b	KEPK	Briarcliffe.....	.b
KEKD	West Cobalt.....	.b	KEPL	Aledo.....	.b
KEKF	Berela.....	.b	KEPM	Lake Elkwater.....	.b
KEKG	Lake Grampian.....	.b	KEPN	Lake Ellendale.....	.b
KEKJ	Lake Grampus.....	.b	KEPP	Lake Ellenorah.....	.b
KEKL	Saguache.....	.b	KEPQ	Proctor.....	.b
KEKM	Lake Fansdale.....	.b	KEPR	Sahale.....	.b
KEKN	Lake Fanquier.....	.b	KEPS	Laxy Bay, Alaska.....	.c
KEKP	Lake Furlough.....	.b	KEPT	Saco.....	.b
KEKQ	Castle Wood.....	.b	KEPV	Wallingford.....	.b
KEKR	Homestead.....	.b	KEPX	Alcis.....	.b
KEKS	Tartar.....	.b	KEPZ	Alector.....	.b
KEKT	Oscoda.....	.b	KEQ	Port Walter, Alaska.....	.c
KEKV	Neabsco.....	.b	KEQB	Dallas.....	.b
KEKX	Batanes.....	.b	KEQC	Barugo.....	.b
KEKZ	Bluffton.....	.b	KEQD	Bolikow.....	.b
KEL	Isonomia.....	.b	KEQF	Banicaa.....	.b
KELB	North Pole.....	.b	KEQG	Baldridge.....	.b
KELC	Polar Star.....	.b	KEQJ	Baldrock.....	.b
KELD	Albatross.....	.b	KEQK	Belvidere.....	.b
KELF	Eldora.....	.b	KEQL	Nemassa.....	.b
KELG	Buckhannon.....	.b	KEQM	Lake Ellerslie.....	.b
KELJ	Berea.....	.b	KEQN	Lake Ellicott.....	.b
KELL	West Elcajon.....	.b	KEQP	Lake Festinia.....	.b
KELL	Boonsborough.....	.b	KEQQ	Aculeo.....	.b
KELM	Lake Fernando.....	.b	KEQR	Galahad.....	.b
KELN	Lake Ferrona.....	.b	KEQS	Callao.....	.b
KELP	Lake Fessenden.....	.b	KEQV	Pisco.....	.b
KELQ	Pruisa.....	.b	KEQX	Salaverry.....	.b
KELR	Cochin.....	.b	KER	H. M. Flagler.....	.b
KELS	Damacan.....	.b	KERB	Barias.....	.b
KELT	Dardora.....	.b	KERC	Batino.....	.b
KELV	Obak.....	.b	KERD	Katonah.....	.b
KELX	Oyaka.....	.b	KERF	Star of Greenland.....	.b
KELZ	Nawitka.....	.b	KERG	Shooters Island.....	.b
KEM	Comal.....	.b	KERJ	West Erral.....	.b
KEMB	Ethelmuite.....	.b	KERK	Utoka.....	.b
KEMC	Awendsaw.....	.b	KERL	Ganeri.....	.b
KEMD	Birchleaf.....	.b	KERM	Lake Festus.....	.b
KEMF	Guilford.....	.b	KERN	Lake Fibre.....	.b
KEMG	Susanna II.....	.b	KERP	Lake Fielding.....	.b
KEMJ	Panay.....	.b	KERQ	Yesoking.....	.b
KEMK	Hoxle.....	.b	KERR	Benoni.....	.b
KEML	Jacox.....	.b	KERS	Wye.....	.b
KEMM	Covalt.....	.b	KERT	Bethelridge.....	.b
KEMN	Covedale.....	.b	KERX	Miller County.....	.b
KEMP	Covena.....	.b	KERZ	Cecil County.....	.b
KEMQ	Finback.....	.b	KES	San Jacinto.....	.b
KEMR	Oraton.....	.b	KESB	Lake Foxboro.....	.b
KEMT	Tavernilla.....	.b	KESC	Sacandaga.....	.b
KEMV	Santurce.....	.b	KESD	Castle Point.....	.b
KEMX	West Vaca.....	.b	KESF	Arambi.....	.b
KEMZ	Ballenias.....	.b	KESG	Sapinero.....	.b
KEN	H. F. Dimock.....	.b	KESJ	West Carruth.....	.b
KENB	Tyee.....	.b	KESK	Lake Flovilla.....	.b
KENC	East Cape.....	.b	KESL	Cowardin.....	.b
KEND	Triumph.....	.b	KESM	Lake Fife.....	.b
KENF	Yaguina.....	.b	KESN	Lake Figart.....	.b
KENG	West Avenal.....	.b	KESP	Lake Fighting.....	.b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KESQ.	Bidwell.....b	KFB	City of Atlanta.....b
KESR	Hampton Roads.....b	KFD	Lake Janet.....b
KESV	City of Freeport.....b	KFE	Wynoche.....b
KESX	D'Arbonne.....b	KFEO	Monana.....b
KESZ	Henry Clay.....b	KFF	Frieda.....b
KET	Bolinas, Calif. (transmitting).....c	KFH	Feltore.....b
KETD	Marshall, Calif. (receiving).....c	KFI	West Ashawa.....b
KETC	Quapaw.....b	KFJ	L. D. Fletcher.....b
KETD	Quemakoning.....b	KFK	City of Augusta.....b
KETF	Esopus.....b	KFL	City of Savannah.....b
KETJ	Moss Point.....b	KFM	Maryanne.....b
KETK	Woyaca.....b	KFN	Mahnet.....b
KETL	Bonneteere.....b	KFO	Tormenter.....b
KETM	Askawake.....b	KFP	Buccaneer.....b
KETN	Edgehill.....b	KFQ	Nacoochee.....b
KETP	Edgemont.....b	KFT	Owego.....b
KETQ	Arundel.....b	KFV	Tasco.....b
KETR	Aspenhill.....b	KFW	Borinquen.....b
KETS	Boxbutte.....b	KFX	Freedom.....b
KETT	Boykin.....b	KFY	City of St. Louis.....b
KETV	Joan of Arc.....b	KGA	City of Montgomery.....b
KETX	Georgina Ralph.....b	KGAE	Coamo.....b
KETZ	Annette Ralph.....b	KGB	New Windsor.....b
KEU	S. V. Harkness.....b	KGD	Baganito.....b
KEVB	Ossawatomie.....b	KGE	Suruga.....b
KEVC	Zavalla.....b	KGIU	Westwego.....b
KEVD	West Corum.....b	KGJ	Woudrichem.....b
KEVF	Edgemoor.....b	KGK	San Juan.....b
KEVG	Eldena.....b	KGL	Edgar F. Luckenbach.....b
KEVJ	Fort Seward.....b	KGM	Dochra.....b
KEVL	Grayling.....b	KGOE	Mexicano.....b
KEVM	Nishmaha.....b	KGP	Lake Harney.....b
KEVN	Osaquansick.....b	KGQ	Ponce.....b
KEVP	Ozette.....b	KGR	Edward Luckenbach.....b
KEVR	Hartwood.....b	KGS	Cambridge.....b
KEVS	Chappell.....b	KGT	Senator Bailey.....b
KEVT	Schodack.....b	KGUE	J. L. Luckenbach.....b
KEVV	Schoharie.....b	KGUI	Caribbean.....b
KEVX	Tollard.....b	KGV	Apex.....b
KEVZ	Lake Faresman.....b	KGW	Fred'k Luckenbach.....b
KEX	Josiah Macy.....b	KGX	Isabela.....b
KEXB	McKeesport.....b	KGZ	Sewells Point.....b
KEXC	Puyallup.....b	KHA	Julia Luckenbach.....b
KEXD	Elihu Thomson.....b	KHB	Uyak, Alaska.....c
KEXF	West Munham.....b	KHC	Kvichak, Alaska.....c
KEXG	West Nohno.....b	KHD	Chignik, Alaska.....c
KEXJ	West Togus.....b	KHE	Stanwood.....b
KEXK	West Tofant.....b	KHF	Lake Silver.....b
KEXL	Lake Folcroft.....b	KHG	Snag Point, Alaska.....c
KEXM	Wawaalona.....b	KHK	Clarks Point, Alaska.....c
KEXN	Moline.....b	KHL	Waihawa, Hawaii.....c
KEXQ	South Bend.....b	KHM	Lahaina, Hawaii.....c
KEXR	Grand Haven.....b	KHN	Lihue, Hawaii.....c
KEXS	Milwaukee.....b	KHO	Kawaihae, Hawaii.....c
KEXT	Peter H. Crowell.....b	KHP	Kaunakakai, Hawaii.....c
KEXV	Hoven.....b	KHR	Mangore.....b
KEXX	West Cajoot.....b	KHS	J. W. Van Dyke.....b
KEXZ	Glymont.....b	KHT	H. C. Folger.....b
KEY	Cape Edwards, Alaska.....c	KHU	Naknek, Alaska.....c
KEZ	Brazos.....b	KHV	Lake Odgen.....b
KEZB	Lake Sapor.....b	KHW	Lake Jessup.....b
KEZC	Lake Fonda.....b	KHY	Lake Charles.....b
KEZD	Lake Fontana.....b	KHZ	K. I. Luckenbach.....b
KEZF	Lake Fontanet.....b	KIA	Mystic.....b
KEZJ	Lake Gilboa.....b	KIB	Ardmore.....b
KEZK	Lake Gilpen.....b	KIBB	Muskogee.....b
KEZL	Lake Gilta.....b	KIBC	Lake Glebe.....b
KEZM	West Harcuvar.....b	KIBD	Silverbrook.....b
KEZN	West Hembrie.....b	KIBF	Shenandoah.....b
KEZP	West Hematite.....b	KIBG	Milwaukee Bridge.....b
KEZQ	Glyndon.....b	KIBJ	National Bridge.....b
KEZR	West Celina.....b	KIBK	Passaic Bridge.....b
KEZS	Brookside.....b	KIBL	Opequan.....b
KEZT	Gray Eagle.....b	KIBM	Masca.....b
KEZZ	Mannahocking.....b	KIBN	Sophie Frankel.....b
KFA	Poughkeepsie.....b	KIBP	Santa Malta.....b
KFAI	City of Columbus.....b	KIBQ	Woodman.....b
KFAO	Glendola.....b	KIBR	Saugus.....b
	Glendoyle.....b		Craftsman.....b

56 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.		
KIBS	Braxton.....	b	KIH	Corning.....	b
KIBT	Corvallis.....	b	KII	Evangeline.....	b
KIBV	Brentwood.....	b	KIJ	Acme.....	b
KIBX	Wonabhe.....	b	KIJB	Lake Candelaria.....	b
KIBZ	Byfield.....	b	KIJC	Balsam.....	b
KIC	Standard.....	b	KIJD	Barrenfark.....	b
KICB	Bushrod.....	b	KIJF	Barryton.....	b
KICC	Butte.....	b	KIJG	Wicasta.....	b
KICD	Dardania.....	b	KIJH	Sabotawan.....	b
KICF	Datis.....	b	KIJK	Kismop.....	b
KICG	Dertoma.....	b	KIJL	Edellyn.....	b
KICJ	Diana.....	b	KIJM	Schroon.....	b
KICK	Deva.....	b	KIJN	Knoxville.....	b
KICM	Edgewood.....	b	KIJP	Montgomery.....	b
KICN	Eldridge.....	b	KIJQ	Hoxbar.....	b
KICP	WestIslay.....	b	KIJR	Barstow.....	b
KICQ	West Isleta.....	b	KIJS	Butterfield.....	b
KICR	Gaffney.....	b	KIJT	Buttercup.....	b
KICS	Zaremba.....	b	KIJV	Bethlehem Bridge.....	b
KICT	Sea Bird.....	b	KIJX	Brasher.....	b
KICV	Gunston Hall.....	b	KIJZ	Dade County.....	b
KICX	Alta.....	b	KIK	Westerner.....	b
KICZ	Admiral Evans.....	b	KIKB	Hillsborough County.....	b
KID	Matinicoock.....	b	KIKC	Jackson.....	b
KIDB	Lake Granby.....	b	KIKD	Johnson City.....	b
KIDC	Satartia.....	b	KIKF	Jefferson County.....	b
KIDD	West Alcoz.....	b	KIKG	St. Johns County.....	b
KIDF	Hegira.....	b	KIKJ	St. Augustine.....	b
KIDJ	Mulpuia.....	b	KIKK	Shortsville.....	b
KIDK	Borad.....	b	KIKL	Worcester.....	b
KIDL	Genesee.....	b	KIKM	West Kasson.....	b
KIDM	Anniston.....	b	KIKN	Mendora.....	b
KIDN	Chattanooga.....	b	KIKP	Moosabee.....	b
KIDP	Louisville Bridge.....	b	KIKQ	Ambridge.....	b
KIDQ	Schoodic.....	b	KIKR	Clairton.....	b
KIDR	Romulus.....	b	KIKS	Argenta.....	b
KIDS	Lake Canaveral.....	b	KIKT	Evansville.....	b
KIDT	Barrallton.....	b	KIKV	Bon Secour.....	b
KIDV	Waukau.....	b	KIKX	West Islip.....	b
KIDX	Waukegan.....	b	KIKZ	Clio.....	b
KIDZ	Orleans.....	b	KIL	Hewitt.....	b
KIE	Kahuku, Hawaii (transmitting).....	c	KILB	Clodia.....	b
	Koko Head, Hawaii (receiving).....	c	KILC	Himoto.....	b
KIFB	West Irmo.....	b	KILD	Asotin.....	b
KIFC	Hukley.....	b	KILF	Elmsport.....	b
KIFD	West Cavanal.....	b	KIIG	Edisto.....	b
KIFF	Alderman.....	b	KILJ	Edmore.....	b
KIFG	Favorite.....	b	KILK	Colorado Springs.....	b
KIFJ	Kishacoquillas.....	b	KILL	City of Spokane.....	b
KIFK	Chautauqua.....	b	KILM	Waxahachie.....	b
KIFL	Delphine.....	b	KILN	Neshaminy.....	b
KIFN	Humrick.....	b	KILP	Meriden.....	b
KIFP	West Conob.....	b	KILQ	Shaume.....	b
KIFQ	Bound Brook.....	b	KILR	Searantic.....	b
KIFR	Barranca.....	b	KILS	Elkwater.....	b
KIFS	Kimta.....	b	KILT	West Calumb.....	b
KIFT	Angelina.....	b	KILV	Ipswich.....	b
KIFV	Andrea F. Luckenbach.....	b	KILX	Monasses.....	b
KIFX	Youngstown.....	b	KILZ	West Cawthon.....	b
KIFZ	Lorain.....	b	KIM	Latouche, Alaska.....	c
KIG	Pioneer.....	b	KIMB	Tuckanuck.....	b
KIGB	Lake Glencoe.....	b	KIMC	Tripp.....	b
KIGC	Humaconna.....	b	KIMD	Deer Lodge.....	b
KIGD	Hulver.....	b	KIMG	West Chetac.....	b
KIGF	Seekonk.....	b	KIMJ	Cushnoc.....	b
KIGG	Walden.....	b	KIMK	Vacuum II.....	b
KIGJ	Director.....	b	KIML	Santa Leonora.....	b
KIGK	Intan.....	b	KIMM	Winya.....	b
KIGL	Polybius.....	b	KIMN	Salvation Lass.....	b
KIGM	Lake Farlin.....	b	KIMP	Pontchartrain.....	b
KIGN	Atlantis.....	b	KIMQ	East Side.....	b
KIGP	Gratia.....	b	KIMR	Dochet.....	b
KIGQ	Santa Elisa.....	b	KIMS	Burnwell.....	b
KIGR	Blair.....	b	KIMT	Mount Evans.....	b
KIGS	Harry Luckenbach.....	b	KIMV	Lake Cannonsburg.....	b
KIGT	Besemer.....	b	KIMX	Orinoco.....	b
KIGV	Battonville.....	b	KIMZ	Pipestone County.....	b
KIGX	Yaklok.....	b	KIN	Patrol.....	b
KIGZ	Ashbee.....	b	KINB	Ogontz.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KINC	Hyannis.....	b	KISN	Lake Fagundus.....
KINF	Costigan.....	b	KISP	Lake Fairlie.....
KING	Watertown.....	b	KISQ	Afel.....
KINJ	Lake Fabyan.....	b	KISR	City of Fairbury.....
KINK	Lake Glasco.....	b	KISS	Liberty Land.....
KINL	Pere Marquette 8.....	b	KIST	Laborer.....
KINM	Lehigh.....	b	KISV	Asquam.....
KINN	West Ison.....	b	KISX	Lake Farrar.....
KINP	West Hepburn.....	b	KIT	Tiger.....
KINQ	Eelbeck.....	b	KITB	Lake Falama.....
KINR	Olen.....	b	KITC	Babboosic.....
KINS	Boston Bridge.....	b	KITF	Firthcliffe.....
KINT	Bay Head.....	b	KITG	Kittegaun.....
KINV	Calno.....	b	KITJ	Innoko.....
KINX	Davidson County.....	b	KITK	Bellbuckle.....
KINZ	Pawtucket.....	b	KITL	Wytheville.....
KIO	Brynhilda.....	b	KITM	Betsy Bell.....
KIP	General W. C. Gorgas.....	b	KITN	Nameaug.....
KIPB	Assinippi.....	b	KITP	Lake Gadsden.....
KIPC	Pontia.....	b	KITQ	Lake Singara.....
KIPD	Wallkill.....	b	KITR	Keshena.....
KIPF	Woodmansie.....	b	KITS	Kiokee.....
KIPG	Doylestown.....	b	KITT	Kiron.....
KIPJ	West Chatala.....	b	KITV	Kitchi.....
KIPK	West Segovia.....	b	KITX	Willfaro.....
KIPL	Pyramus.....	b	KITZ	West Inskip.....
KIPM	Utnia.....	b	KIU	Western Hero.....
KIPN	Lake Gazette.....	b	KIVB	Minnequa.....
KIPP	American Star.....	b	KIVC	Kewance.....
KIPQ	Lake Fablus.....	b	KIVD	Marina.....
KIPR	S. B. Hunt.....	b	KIVF	Lightburne.....
KIPS	Geo. H. Jones.....	b	KIVG	Mercer Victory.....
KIPT	Edna.....	b	KIVJ	Hatchie.....
KIPV	Luxpalie.....	b	KIVK	Traveller.....
KIPX	Maiden Creek.....	b	KIVM	Lake Fear.....
KIPZ	Lake Farmingdale.....	b	KIVN	Explorer.....
KIQ	Astral.....	b	KIVP	Westoil.....
KIQB	Belfort.....	b	KIVQ	Huguenot.....
KIQC	Westmoreland.....	b	KIVR	Devolente.....
KIQQ	Cansumset.....	b	KIVS	Delfina.....
KIQF	Cotati.....	b	KIVT	Delisle.....
KIQG	West Aleta.....	b	KIVV	West Cactus.....
KIQJ	Fort Logan.....	b	KIVX	Guardsman.....
KIQK	Cold Spring.....	b	KIVZ	Custodian.....
KIQL	Cleopatra.....	b	KIXB	West Cheswald.....
KIQM	Nedmac.....	b	KIXC	West Raritans.....
KIQN	Lake Farragut.....	b	KIXD	Lackawanna Valley.....
KIQP	Lake Fackler.....	b	KIXF	Ablanset.....
KIQQ	Thala.....	b	KIXG	Asabeth.....
KIQR	Hugoton.....	b	KIXJ	Fourth Alabama.....
KIQS	Bathgate.....	b	KIXK	Lafcoomo.....
KIQT	Bathalum.....	b	KIXL	Lebanon.....
KIQV	Corson.....	b	KIXM	Lockport.....
KIQX	Fluor Spar.....	b	KIXN	Lordship Manor.....
KIR	Eagle.....	b	KIXP	Nonantum.....
KIRB	Lake Farber.....	b	KIXQ	Putnam.....
KIRC	Newton.....	b	KIXR	Tulsa.....
KIRF	West Cayote.....	b	KIXS	Abraham Lincoln.....
KIRG	New Britain.....	b	KIXT	Lake Flagon.....
KIRJ	Lake Frumet.....	b	KIXV	Champion.....
KIRK	Sharon.....	b	KIXX	Weikika.....
KIRM	Arenas.....	b	KIXZ	West Selene.....
KIRN	Haddon.....	b	KIZB	Delco.....
KIRP	Waco.....	b	KIZC	Bakersfield.....
KIRQ	Delavan.....	b	KIZD	Barthney.....
KIRR	Cambridge.....	b	KIZF	Buffalo Bridge.....
KIRS	John Ena.....	b	KIZG	Parksville.....
KIRT	Derbyline.....	b	KIZJ	Dauperata.....
KIRV	Lake Fairfax.....	b	KIZK	Katherine.....
KIRX	Casper.....	b	KIZL	Avalon.....
KIRZ	Glen Ridge.....	b	KIZM	Lake Flagstaff.....
KIS	Marshall, Alaska.....	c	KIZN	Lake Flambeau.....
KISB	Conewago.....	b	KIZP	Shickshinny.....
KISC	Orcus.....	b	KIZQ	Bannack.....
KISD	Seattle Spirit.....	b	KIZR	Winona County.....
KISF	Wheatland Montana.....	b	KIZS	Vincent.....
KISG	Elkridge.....	b	KIZT	Algonquin.....
KISJ	Stanley.....	b	KIZV	Imlay.....
KISK	West Keene.....	b	KIZX	Labette.....
KISM	Baldbutte.....	b	KIZZ	Rockaway Park.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KJA	Jualin, Alaska.....c	KKQ	El Sud.....b
KJAA	Chebaulip.....b	KKR	Creole.....b
KJAE	West Indian.....b	KKS	El Siglo.....b
KJAI	West Durfee.....b	KKT	El Cid.....b
KJAO	West Lianga.....b	KKU	El Mundo.....b
KJAU	West Grove.....b	KKUA	Wayucan.....b
KJB	Bushong.....b	KKUI	William G. Mather.....b
KJC	Ocomee.....b	KKV	El Oriente.....b
KJD	North Land.....b	KKW	El Valle.....b
KJE	Norlina.....b	KKX	El Occidente.....b
KJEA	Western Ocean.....b	KKY	El Dia.....b
KJEE	Yellowstone.....b	KKZ	El Rio.....b
KJEI	John M. Connelly.....b	KLA	Pastores.....b
KJEU	Santa Luisa.....b	KLAA	Luelia.....b
KJF	Carolinian.....b	KLAE	Overbrook.....b
KJG	Eurana.....b	KLAI	Afrania.....b
KJH	West Wind.....b	KLAO	Lake Crystal.....b
KJI	Satsuma.....b	KLAU	Lake Winona.....b
KJIA	Barrington.....b	KLB	Buttonwood.....b
KJIE	Walter A. Luckenbach.....b	KLC	Calamares.....b
KJII	Muscatine.....b	KLD	Fort Worth.....b
KJIO	Paul H. Harwood.....b	KLE	Zacapa.....b
KJIU	Carib.....b	KLEA	Lake Maurepas.....b
KJK	King Cove, Alaska.....c	KLEE	Lake St. Regis.....b
KJL	False Pass, Alaska.....c	KLEI	Lake Allen.....b
KJM	West Cherow.....b	KLEO	Lake Clear.....b
KJN	J. A. Bostwick.....b	KLEU	Lake Pewaukee.....b
KJO	Glorietta.....b	KLF	Metapan.....b
KJOA	Faith.....b	KLG	Santa Marta.....b
KJOE	W. M. Irish.....b	KLH	Saramacca.....b
KJOI	Sturgeon Bay.....b	KLI	Suriname.....b
KJOO	West Bridge.....b	KLIA	Lake Otisco.....b
KJOU	Tuckahoe.....b	KLIE	Lake Como.....b
KJP	Joseph R. Parrott.....b	KLII	Lake Sunapee.....b
KJT	Waban.....b	KLJ	Beatrice.....b
KJU	Bacoi.....b	KLK	Craster Hall.....b
KJUA	Ice King.....b	KLL	Thompson Falls.....b
KJUE	Radnor.....b	KLM	Bantu.....b
KJUI	Point Lobos.....b	KLN	Abbeville.....b
KJUO	West Alsek.....b	KLO	Santa Rosalia.....b
KJUU	West Apaum.....b	KLOE	Lake Hemlock.....b
KJV	West Haven.....b	KLOI	Lakehurst.....b
KJW	O. T. Waring.....b	KLOO	Lake Lida.....b
KJX	Westland.....b	KLOU	Lake Shawano.....b
KJY	West Point.....b	KLQ	Great Falls, Mont. (Rainbow).....c
KJZ	Chinchia.....b	KLR	Crofton Hall.....b
KKAA	Yukatut, Alaska.....c	KLT	Howick Hall.....b
KKAA	Sulzer, Alaska.....c	KLU	Charlton Hall.....b
KKAE	Nushagak, Alaska.....c	KLUA	Lake Capens.....b
KKAI	Hawk Inlet, Alaska.....c	KLUE	Lake Sebago.....b
KKAO	Kussilof, Alaska.....c	KLUI	Lake Cayuga.....b
KKAU	Avondale.....b	KLUO	Lake Ennis.....b
KKB	El Sol.....b	KLUU	Agarista.....b
KKC	Chalmette.....b	KLV	San Mateo.....b
KKD	Comus.....b	KLW	Port Althorp, Alaska.....c
KKE	Topila.....b	KLX	Kermanshah.....b
KKEA	Cabeza.....b	KLY	Deepwater.....b
KKEE	Nanking.....b	KLZ	Speedwell.....b
KKEI	City of Sydney.....b	KMA	Allianca.....b
KKEO	Watukesha.....b	KMAA	Admiral Nicholson.....b
KKEU	Mariners Harbor.....b	KMAI	Catherine D.....b
KKF	Torres.....b	KMAO	Kingfisher.....b
KKG	El Almirante.....b	KMAU	Ampetoo.....b
KKH	El Capitan.....b	KMB	Amoleo.....b
KKI	Kilkenny.....b	KMD	Cristobal.....b
KKIA	Daca.....b	KME	Pennant.....b
KKIE	Forster.....b	KMEI	Orizaba.....b
KKII	Eyota.....b	KMEO	Cletus Schneider.....b
KKIO	Wasco.....b	KMEU	Passadena.....b
KKIU	Nacogdoches.....b	KMF	Egegik, Alaska.....c
KKJ	West Celeron.....b	KMG	Ekuk, Alaska.....c
KKL	El Alba.....b	KMH	Panama.....b
KKM	Momus.....b	KMI	Tivives.....b
KKN	El Norte.....b	KMIA	Carib.....b
KKO	Excellior.....b	KMIE	Capo Henry.....b
KKOA	Biran.....b	KMII	Masuda.....b
KKOE	Lake Annette.....b	KMIO	Willimantic.....b
KKOO	Chimo.....b	KMII	W. M. Burton.....b
KKOU	Wakanna.....b	KMJP	Mattoa.....b
KKP	Mahanna.....b	KMK	Naknek, Alaska.....c

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KML	Loekanok, Alaska.....	c	KOBP	Bird City.....
KMM	Panuco.....	b	KOBU	Gonzalis.....
KMN	Butte, Mont.....	c	KOBR	Barwick.....
KMOE	Aecomac.....	b	KOBS	Bartolome.....
KMOI	Eldorado.....	b	KOBT	Lake Inglenook.....
KMOO	Oakland.....	b	KOBV	Baldhill.....
KMOU	Edward Pierce.....	b	KOBX	Moshico.....
KMP	Metia Nelson (moored vessel).....	e	KOBY	Lake Elon.....
KMQ	Sherman.....	b	KOC	Jamestown.....
KMR	Wellington.....	b	KOCD	Lake Savus.....
KMS	Ancon.....	b	KOCC	Epitacio Pessoa.....
KMT	Libbyville, Alaska.....	c	KOCD	Texarkana.....
KMU	Ugashik, Alaska.....	c	KOCF	Nokatay.....
KMUA	Lake Lasang.....	b	KOOG	Lake Fiscus.....
KMUE	Lake Larga.....	b	KOCH	Aquilo.....
KMUI	George W. Barnes.....	b	KOCK	West Pocasset.....
KMUO	Fassett.....	b	KOCL	Elkhorn.....
KMUU	Lake Flume.....	b	KOCM	Marsodak.....
KMV	Advance.....	b	KOCN	Federal Bridge.....
KMW	Akutan, Alaska.....	c	KOCP	Continental Bridge.....
KMX	Colon.....	b	KOCP	Clark Mills.....
KMY	Holden Evans.....	b	KOCR	John W. Wells.....
KMZ	General G. W. Goethals.....	b	KOCS	Lake Girardeau.....
KNA	Dorothy Bradford.....	b	KOCT	Hercules.....
KNAA	Western Sea.....	b	KOCV	West Saginaw.....
KNAE	West Cohas.....	b	KOCX	West Jaffrey.....
KNAI	Western City.....	b	KOCZ	Lake Ellsworth.....
KNAO	Western Chief.....	b	KOD	Jefferson.....
KNAU	Westford.....	b	KODB	Nobles.....
KNB	Lexington.....	b	KODC	Sunbeam.....
KNC	Concord.....	b	KODD	Lake Fisher.....
KND	Plymouth.....	b	KODF	West Caddoa.....
KNE	Clare.....	b	KODG	Siletz.....
KNEA	Western Spirit.....	b	KODK	Hathaway.....
KNEE	Santa Tecla.....	b	KODL	Menominee.....
KNEI	Quinault.....	b	KODN	Endicott.....
KNEU	Wishkah.....	b	KODP	Babinda.....
KNF	Wm. G. Warden.....	b	KODQ	Hulaco.....
KNG	Bradford.....	b	KODR	Salem County.....
KNH	Brockton.....	b	KODS	Bellemina.....
KNI	De Soto.....	b	KODT	Dewey.....
KNIA	Wahkiakum.....	b	KODV	Hog Island.....
KNII	Cheron.....	b	KODX	Dillwyn.....
KNIO	Beloit.....	b	KODZ	Ophis.....
KNIU	Coloma.....	b	KOE	Communipaw.....
KNJ	Jason.....	b	KOF	Castle Town.....
KNK	Marica.....	b	KOFC	Bellhaven.....
KNL	Nelson.....	b	KOFD	Anaconda.....
KNM	Millinocket.....	b	KOFF	Auditor.....
KNN	Wico.....	b	KOFG	Sunshine.....
KNO	Trinidadian.....	b	KOFG	Chancok.....
KNOA	Manada.....	b	KOFK	Elkton.....
KNOE	Boulton.....	b	KOFL	Chepada.....
KNOI	Bancroft.....	b	KOFM	Lake Ellithorpe.....
KNOU	Bonnafon.....	b	KOFN	Cockaponset.....
KNP	Dayton.....	b	KOFP	Lake Ellsbury.....
KNQ	F. Q. Barstow.....	b	KOFP	Lake Elmhurst.....
KNR	Moldgaard.....	b	KOFR	Basford.....
KNS	Sucrosa.....	b	KOFS	Bascobel.....
KNU	Currier.....	b	KOFT	Bensalem.....
KNUA	Fonduco.....	b	KOFT	Lake Elpueblo.....
KNUI	Yakima.....	b	KOFT	Cook.....
KNUO	Maxama.....	b	KOFT	Coquitt.....
KNUU	Boxley.....	b	KOG	Madison.....
KNW	Robert M. Thompson.....	b	KOGB	Independent Bridge.....
KNX	Susana.....	b	KOGC	Lackawanna Bridge.....
KNY	Fred W. Weller.....	b	KOGD	Moosehausic.....
KNZ	A. C. Bedford.....	b	KOGF	Kootenai.....
KOA	Hamilton.....	b	KOGJ	Nockum.....
KOBB	Shannock.....	b	KOGK	Escambia.....
KOBC	Ruby.....	b	KOGL	West Ira.....
KOBD	Oranl.....	b	KOGM	Storm King.....
KOBF	Vanada.....	b	KOGN	Brave Coeur.....
KOBG	Editor.....	b	KOGP	Hadnot.....
KOBJ	Deroche.....	b	KOGQ	Irvington.....
KOBK	West Katan.....	b	KOGR	Lake Fairport.....
KOBL	Lake Ellijay.....	b	KOGS	Lake Flatonia.....
KOBM	Willpolo.....	b	KOGT	Lake Flanders.....
KOBN	Alameda.....	b	KOGV	Lake Gebhart.....

60 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KOGX	Merry Mount.....	b	KONF Lakeside Bridge.....
KOGZ	Commissioner.....	b	KOMG Margus.....
KOH	Glenpool.....	b	KONJ Massillon Bridge.....
KOI	Polarine.....	b	KONK Northwestern Bridge.....
KOJ	Ajax.....	b	KONL Fargo.....
KOJB	York Harbor.....	b	KONM La Crosse.....
KOJC	Hamlin.....	b	KONN Sioux Falls.....
KOJD	Sinsinawa.....	b	KONP Lansdowne.....
KOJF	Montana.....	b	KONQ Andrew Jackson.....
KOJG	Jacksonville.....	b	KONR Antietam.....
KOJJ	Lake Galata.....	b	KONS Lake Strymon.....
KOJK	Hanover.....	b	KONT Lake Elsmere.....
KOJL	Cripple Creek.....	b	KONV Lake Filbert.....
KOJM	Lake Onawa.....	b	KONX Detroit-Wayne.....
KOJN	Wisteria.....	b	KONZ City of Alton.....
KOJP	Lake Favaonia.....	b	KOP Lackawanna.....
KOJQ	Lake Fitch.....	b	KOPB Lake Fernalda.....
KOJR	Chickasaw.....	b	KOPC Bavington.....
KOJS	Magmeric.....	b	KOPD Dannedaike.....
KOJT	Lake Galien.....	b	KOPF Massick.....
KOJV	Portsmouth.....	b	KOPG Minnewawa.....
KOJX	Lake Galewood.....	b	KOPJ Terre Haute.....
KOJZ	Lake Gaither.....	b	KOPK Circinus.....
KOK	St. Charles.....	b	KOPL Corvus.....
KOKB	Tankerville.....	b	KOPM Nika.....
KOKC	Northern Star.....	b	KOPN Wasagya.....
KOKD	Bellerose.....	b	KOPP Eastern Breeze.....
KOKF	Bellepline.....	b	KOPQ Bellflower.....
KOKG	Moositauke.....	b	KOPR Kearny.....
KOKK	Iceland.....	b	KOPS Coolcha.....
KOKL	Kaweah.....	b	KOPT Eglantine.....
KOKM	Daniel Webster.....	b	KOPV Lake Fillion.....
KOKP	Crisfield.....	b	KOPX Mopang.....
KOKQ	Lake Elrio.....	b	KOPZ Centaurus.....
KOKR	Inspector.....	b	KOQ Manoa.....
KOKS	Lake Gera.....	b	KOQB Clauseus.....
KOKT	Bethnor.....	b	KOQC Hagan.....
KOKV	Kaleen.....	b	KOQD Hagood.....
KOKX	Kolda.....	b	KOQF Tri Mountain.....
KOKZ	Lake Fithian.....	b	KOQG Lake Elmont.....
KOL	Mount Hope.....	b	KOQJ Casey.....
KOLB	Aryan.....	b	KOQK Coldbrook.....
KOLC	Orient.....	b	KOQL Basswood.....
KOLD	Antonia.....	b	KOQM Bastrop.....
KOLG	Tuwetanka.....	b	KOQN Petunia.....
KOLJ	Lake Faxon.....	b	KOQP McCreary County.....
KOLK	Lake Felden.....	b	KOQQ West Ivis.....
KOLL	Clavarack.....	b	KOQR Kingfisher.....
KOLM	Balcatta.....	b	KOQS Egremont.....
KOLN	Susquehanna.....	b	KOQT Quinquipiac.....
KOLP	Cathlamet.....	b	KOQV Caldas.....
KOLQ	Xenia.....	b	KOQX Nipmuc.....
KOLR	Lake Elmdale.....	b	KOQZ Kayseeka.....
KOLS	Chicomico.....	b	KOR Navaho.....
KOLT	Effingham.....	b	KORB West Mingo.....
KOLV	Palisades.....	b	KORC Macomet.....
KOLX	Cranford.....	b	KORD Sundance.....
KOLZ	Lake Getaway.....	b	KORF Noccalula.....
KOM	Trontolite.....	b	KORG Cethana.....
KOMB	Lake Gert.....	b	KORJ Challamba.....
KOMC	Lake Flattery.....	b	KORK Dryden.....
KOMD	Deuel.....	b	KORL Haleakala.....
KOMF	Bartholomew.....	b	KORM Jadden.....
KOMG	Whitemarsh.....	b	KORP Monomac.....
KOMJ	Penguin.....	b	KORQ Vinton County.....
KOMK	Lycoming.....	b	KORS Manham.....
KOML	J. R. Gordon.....	b	KORT Hancock County.....
KOMM	Scottsburg.....	b	KORV Wildwood.....
KOMN	San Antonio.....	b	KORX Cliffwood.....
KOMP	Coahoma County.....	b	KORZ Neptune.....
KOMQ	Afondria.....	b	KOS Lake Saba.....
KOMR	Ashland County.....	b	KOSB Widgeon.....
KOMS	Henry County.....	b	KOSC Tenakee, Alaska.....
KOMT	Eifna.....	b	KOSD Nile.....
KOMV	Montague.....	b	KOSF Monroe.....
KOMX	Peekskill.....	b	KOSG Rapidan.....
KOMZ	Coskata.....	b	KOSJ Danville.....
KONB	Cushnet.....	b	KOSK Danvers.....
KONC	Cuttlyhunk.....	b	KOSL West Kader.....
KOND	Indiana Bridge.....	b	

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.	
KOSM	City of St. Joseph.....	b	KOZN	Minooka.....	b
KOSN	John Roach.....	b	KOZP	Vigilant.....	b
KOSP	Sapona.....	b	KOZQ	City of Berkeley.....	b
KOSQ	Lake Treba.....	b	KOZR	Culbura.....	b
KOSR	Lake Elsa.....	b	KOZS	West Ivan.....	b
KOSS	John Adams.....	b	KOZT	Lake Elmwood.....	b
KOST	Chester Valley.....	b	KOZV	William H. Webb.....	b
KOSV	Kenowis.....	b	KOZZ	Norumbega.....	b
KOSX	Hartford.....	b	KPAA	Collamer.....	b
KOSZ	Curlew.....	b	KPAE	Point Judith.....	b
KOT	Kanak.....	b	KPAI	Toka.....	b
KOTB	Lake Falun.....	b	KPAO	Biloxi.....	b
KOTC	Teal.....	b	KPAU	Kasota.....	b
KOTD	Cross Keys.....	b	KPD	Blandon.....	b
KOTF	Mitchell.....	b	KPEA	W. H. Tilford.....	b
KOTG	West Jena.....	b	KPEE	Boilston.....	b
KOTJ	Lake Slavi.....	b	KPEI	Callooh.....	b
KOTK	West Neris.....	b	KPEO	Moritz.....	b
KOTL	Vinita.....	b	KPEU	Damuru.....	b
KOTM	Robin Hood.....	b	KPF	Moraine.....	b
KOTN	West Hesseltinge.....	b	KPG	General O. H. Ernst.....	b
KOTP	Wisla.....	b	KPG	General H. F. Hodges.....	b
KOTQ	Red Mountain.....	b	KPIA	Kenosha.....	b
KOTR	West Montop.....	b	KPIE	Pezuta.....	b
KOTS	Wild Goose.....	b	KPII	Sewickley.....	b
KOTT	Lake Fenn.....	b	KPIU	Issaqueena.....	b
KOTV	Franklin County.....	b	KPK	Starlite.....	b
KOTX	Delanson.....	b	KPL	Moonlite.....	b
KOTZ	Benowa.....	b	KPO	Twilite.....	b
KOU	Tidewater.....	b	KPOA	Blue Eagle.....	b
KOV	Kwiguk Slough, Alaska.....	c	KPOI	Lonoke.....	b
KOVB	Gulftrade.....	b	KPOO	Bonifay.....	b
KOVC	Lake Tippah.....	b	KPOU	Salmon.....	b
KOVD	Maquan.....	b	KPP	Dawnlite.....	b
KOVF	Amcross.....	b	KPQ	Sunlite.....	b
KOVG	Lake Elmsford.....	b	KPR	Daylite.....	b
KOVI	Dilworth.....	b	KPS	Benjamin Brewster.....	b
KOVK	Sapelo.....	b	KPT	Achilles.....	b
KOVL	Lake Fandango.....	b	KPU	Ulysses.....	b
KOVM	Robin Adair.....	b	KPUA	Makanda.....	b
KOVN	E. A. Morse.....	b	KPUE	Belding.....	b
KOVP	Clarksburg.....	b	KPUI	Kineo.....	b
KOVR	Elfay.....	b	KPUE	Benzonia.....	b
KOVS	Abercos.....	b	KPUII	Barabos.....	b
KOVT	Lake Fandon.....	b	KPW	Cape Cod.....	b
KOVV	Coeur d'Alene.....	b	KPY	Jane Palmer.....	b
KOvx	Coelleda.....	b	KPZ	Governor Brooks.....	b
KO梓	Tampa.....	b	KQAA	Harry Fanum.....	b
KO梓	I. J. Merritt.....	b	KQAI	Cubura.....	b
KOW	Mascotte.....	b	KQAO	Wallowa.....	b
KOX	Henry M. Flagler.....	b	KQAU	Dalana.....	b
KOXB	Haslehurst.....	b	KQBV	Walter Hardcastle.....	b
KOXC	Suwied.....	b	KQCB	Cretan.....	b
KOXD	Tashmoo.....	b	KQD	Dorchester.....	b
KOXF	Tekoa.....	b	KQE	Essex.....	b
KOXA	Toledo Bridge.....	b	KQEAA	Clackamas.....	b
KOXA	Tona.....	b	KQEEE	Anoka.....	b
KOXA	Tonesit.....	b	KQEI	Bell Brook.....	b
KOXL	Tuladi.....	b	KQEII	Lake Charlotte.....	b
KOXM	Vincennes Bridge.....	b	KQEIII	Gene Crawley.....	b
KOZN	Pirate Cove, Alaska.....	c	KQF	Gloucester.....	b
KOXP	On Steuben.....	b	KQG	Howard.....	b
KOXA	Agememnon.....	b	KQH	Keresaspa.....	b
KOXR	Tampico.....	b	KQI	Kerosala.....	b
KOXS	West Jessup.....	b	KQIA	Corozal.....	b
KOXT	Robin Gray.....	b	KQIE	Farnam.....	b
KOXB	Roanoke.....	b	KQII	Santa Olivia.....	b
KOXX	Steelmaker.....	b	KQIO	Deranof.....	b
KOXX	Steel Age.....	b	KQIU	West Ekonk.....	b
KOY	Herbert L. Pratt.....	b	KQJ	Juniastra.....	b
KOZ	Miami.....	b	KQK	Kershaw.....	b
KOZB	City of Omaha.....	b	KQL	Oakley C. Curtis.....	b
KOZC	Aeolus.....	b	KQM	Merrimack.....	b
KOZD	Rockport.....	b	KQN	Nantucket.....	b
KOZF	Tenafly.....	b	KQO	Ontario.....	b
KOZG	Moravia Bridge.....	b	KQOA	Anacortes.....	b
KOZJ	West Niger.....	b	KQOE	Delight.....	b
KOZK	West Hika.....	b	KQOI	Western Light.....	b
KOZL	Quaker City.....	b	KQOO	Western Maid.....	b
KOZM	Miskianza.....	b	KQOU	Bosworth.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KQP	Kerlew.....	b	KSIA	East Cliff.....
KQQ	Quantico.....	b	KSIE	Glen White.....
KQR	Grecian.....	b	KSII	Lake Catherine.....
KQS	Washington Bay, Alaska.....	c	KSIIU	Lake Benton.....
KQT	Wyoming.....	b	KSIO	Argonne.....
KQU	Ruth E. Merrill.....	b	KSJ	Security.....
KQUA	Allies.....	b	KS K	Caddo.....
KQUE	Lancaster.....	b	KS M	Philadelphia.....
KQUO	Lake Chelan.....	b	KS N	New York.....
KQUU	West Gambo.....	b	KS O	St. Paul.....
KQV	Samuel Faunce.....	b	KS OA	Polar Sea.....
KQW	Dorothy Palmer.....	b	KS OE	Lake Eckhart.....
KQX	Persian.....	b	KS OI	Lake Wimico.....
KQY	Edward J. Lawrence.....	b	KS OO	Lake Duncan.....
KQZ	City of Rome.....	b	KS OU	Bylavl.....
KRA	Freeport Sulphur No. 1.....	b	KSP	Caloria.....
KRAA	West Coast.....	b	KS Q	Charles Pratt.....
KRAE	Mauab.....	b	KSR	Bayway.....
KRAI	Bromela.....	b	KST	Princeton.....
KRAO	Brompton.....	b	KSU	Somerset.....
KRAU	Broncho.....	b	KSUA	F. D. Asche.....
KRB	Governor Cobb.....	b	KSUI	Colindo.....
KRC	Camden.....	b	KSUO	Umatilla.....
KRD	Belfast.....	b	KSUU	Montezuma.....
KREA	Cape Romair.....	b	KS V	Standard Arrow.....
KREE	Gulfport.....	b	KS W	Royal Arrow.....
KREI	Lake Washburn.....	b	KS X	Sylvan Arrow.....
KREO	Lake Mary.....	b	KS Y	Broad Arrow.....
KRF	Ransom B. Fuller.....	b	KS Z	Cora F. Cressy.....
KRG	Freeport Sulphur No. 2.....	b	KTAA	Alloway.....
KRH	City of Bangor.....	b	KTAI	Lake Elko.....
KRI	City of Rockland.....	b	KTAO	Lake Frances.....
KRIA	Lake Daraga.....	b	KTAU	Eastern Star.....
KRIE	Astoria.....	b	KTB	Gulfstream.....
KRII	Lake Elsinore.....	b	KTC	Shenango.....
KRIO	Octorara.....	b	KTD	Ligonier.....
KRIU	Liberator.....	b	KTE	Winifred.....
KRJ	Relief.....	b	KTEA	Eastern Sea.....
KRK	Gargoyle.....	b	KTEE	Western Cross.....
KRL	Kiowa.....	b	KTEI	Winnebago.....
KRM	Resolute.....	b	KTEO	Ford Wright.....
KRN	Calvin Austin.....	b	KTEU	Bournville.....
KRO	Bramell Point.....	b	KTF	J. M. Guffey.....
KROA	Blythedale.....	b	KTG	Gulffoil.....
KROE	Aniwa.....	b	KTH	Robert P. Clark.....
KROI	Wampum.....	b	KTI	Brilliant.....
KROO	Wassae.....	b	KTIA	Bowesmont.....
KROU	Garibaldi.....	b	KTIE	Easterly Sun.....
KRP	Rescue.....	b	KTIO	Fresno.....
KRQ	Manitowoc.....	b	KTIU	Lake Blanchester.....
KRR	C. A. Snider.....	b	KTJ	Comet.....
KRS	Paulsboro.....	b	KTL	Rayo.....
KRT	Saint Francis.....	b	KTM	Eocene.....
KRU	Fordonian.....	b	KTN	Perfection.....
KRUA	Cresap.....	b	KTO	John D. Rockefeller.....
KRUE	Brookwood.....	b	KTOA	Lake Narka.....
KRUI	Santa Flavia.....	b	KTOE	Lake Monroe.....
KRUO	Wakulla.....	b	KTOI	Lake Greenwood.....
KRUU	Socony 88.....	b	KTOO	Lake Yemassee.....
KRV	Governor Dingley.....	b	KTOU	Lake Markham.....
KRW	Sierra.....	b	KTP	James McGee.....
KRX	Rama.....	b	KTQ	City of Everett.....
KRZ	Sudbury.....	b	KTR	Radiant.....
KSA	Standard II.....	b	KTS	Vesta.....
KSA A	Socony 89.....	b	KTT	Paraguay.....
KSA E	Rose Mahoney.....	b	KTU	Sun.....
KSA I	Capines.....	b	KTUA	Lake Leda.....
KSA O	Lake Conesus.....	b	KTUE	Lake Bledsoe.....
KSA U	Aquackanock.....	b	KTUI	Lake Pepin.....
KSB	J. E. O'Neil.....	b	KTUO	Sagadahoc.....
KSC	Chinampa.....	b	KTUU	Lake Pachuta.....
KSEA	Abscon.....	b	KTV	Dulcino.....
KSEE	Mineola.....	b	KTX	Socony.....
KSEI	Eastern Chief.....	b	KTY	W. C. Teagle.....
KSEO	Quidnuc.....	b	KYZ	Brindilla.....
KSEU	Jonaney.....	b	KUA	Gulfflight.....
KSF	Finland.....	b	KUB	Gulfmaid.....
KSG	Baton Rouge.....	b	KUBB	Cold Harbor.....
KSH	Kroonland.....	b	KUBC	Laramie.....
KSI	H. H. Rogers.....	b	KUBD	Claremont.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.	
KUBF	San Diego.....	b	KUGL	Lake Galisteo.....
KUBG	Betterton.....	b	KUGM	Ripon.....
KUBJ	Liberty Minquas.....	b	KUGN	Lake Haresti.....
KUBK	Bearport.....	b	KUGP	Seminole.....
KUBL	Pawlet.....	b	KUGQ	Star of Holland.....
KUBM	St. Anthony.....	b	KUGR	Summerleaf.....
KUBN	Robin Goodfellow.....	b	KUGS	Blue Triangle.....
KUBP	City of Alma.....	b	KUGT	Jomar.....
KUBQ	Mazatlan.....	b	KUGV	Conshohocken.....
KUBR	Lake Elva.....	b	KUGX	Mason City.....
KUBS	Indiana Harbor.....	b	KUGZ	Maddequet.....
KUBT	Lake Feodora.....	b	KUH	Munwood.....
KUBV	Higo.....	b	KUI	Munamar.....
KUBX	Koggiung, Alaska (moored scow).....	c	KUJ	Mundale.....
KUBZ	Dellwood.....	b	KUJB	Angeles.....
KUC	Gulf of Mexico.....	b	KUJC	Bayport.....
KUCB	New England.....	b	KUJD	Baddacock.....
KUCC	Plow City.....	b	KUJF	Kerhonksen.....
KUCD	Riverside Bridge.....	b	KUJG	Kamchatka.....
KUCF	Virginia Bridge.....	b	KUJK	Havilah.....
KUCG	Des Moines Bridge.....	b	KUJL	Ozmo.....
KUCJ	Holyoke Bridge.....	b	KUJM	Coot.....
KUCK	Wauwatosa.....	b	KUJN	Osprey.....
KUCL	Salinas.....	b	KUJP	Hutchinson.....
KUCM	Lake Ikatan.....	b	KUJQ	Ethan Allen.....
KUCN	Eastern Guide.....	b	KUJR	City of Joliet.....
KUCP	Chisik Island, Alaska.....	c	KUJS	Winston-Salem.....
KUCQ	City of Alameda.....	b	KUJT	Eastern Belle.....
KUCR	Lake Giddings.....	b	KUJV	Eastern Crag.....
KUCS	City of Sherman.....	b	KUJX	Liberty Bell.....
KUCV	City of Flint.....	b	KUJZ	Quabbin.....
KUCX	Coldwater.....	b	KUK	Munsono.....
KUCZ	Lake Fillmore.....	b	KUKB	Aragon.....
KUD	Gulfland.....	b	KUKC	Schuylkill Bridge.....
KUDB	Brant.....	b	KUKD	East Chicago.....
KUDC	Tuscan.....	b	KUKF	Fort Armstrong.....
KUDD	Argon.....	b	KUKG	Anthracite Bridge.....
KUDF	Heron.....	b	KUKJ	West Jappa.....
KUDG	West Jester.....	b	KUKK	Noddle Island.....
KUDJ	Mehanno.....	b	KUKL	Pittsburgh Bridge.....
KUDK	West Cadron.....	b	KUKM	Tancarville.....
KUDL	Cajacet.....	b	KUKN	Louise.....
KUDM	Lake Elwin.....	b	KUKP	Mohinkis.....
KUDN	American Press.....	b	KUKQ	Selma.....
KUDP	Clontarf'm.....	b	KUKR	Latham.....
KUDQ	West Himrod.....	b	KUKS	Eastern Merchant.....
KUDR	Davenport.....	b	KUKT	Conejos.....
KUDS	Lake Rushville.....	b	KUKV	West Hixton.....
KUDT	Pilot Point, Alaska.....	c	KUKX	Collingsworth.....
KUDV	Becharof, Alaska.....	c	KUL	Louisiana.....
KUDX	Eastern Moon.....	b	KULB	Pinellas.....
KUDZ	Eastern Gale.....	b	KULC	Chickamauga.....
KUE	Gulfcoast.....	b	KULD	Lake Geyser.....
KUF	Mundelta.....	b	KULF	Fishkill.....
KUFB	Eastern Knight.....	b	KULG	Darien.....
KUFC	Lake Floravista.....	b	KULJ	Eastern Pilot.....
KUFD	Lake Florian.....	b	KULK	Eastern Trader.....
KUFF	Lake Floris.....	b	KULL	Donald McKay.....
KUFG	Lake Flournoy.....	b	KULM	Ario.....
KUFJ	West Nilus.....	b	KULN	Arizpa.....
KUFK	Great Falls.....	b	KULP	Toopi.....
KUFL	Cartona.....	b	KULQ	Pylos.....
KUFM	Corone.....	b	KULR	Vallonia.....
KUFN	Steel Voyager.....	b	KULS	Outgamie.....
KUFP	Bethlehem S. B. Corp. (special call).....	b	KULT	Commack.....
KUFQ	Tern.....	b	KULV	San Juan.....
KUFR	West Campgaw.....	b	KULX	Otho.....
KUFS	Snipe.....	b	KULZ	Lyndonia.....
KUFT	Plover.....	b	KUM	Texas.....
KUFX	Sheldrake.....	b	KUMB	Lake Ganado.....
KUFZ	Ossa.....	b	KUMC	Utacarbon.....
KUG	Munplace.....	b	KUMD	Staten Island.....
KUGB	Eastern Mariner.....	b	KUMF	Dunsyre.....
KUGC	Booyalla.....	b	KUMG	Homer.....
KUGD	Clearwater.....	b	KUMJ	Grebe.....
KUGF	Boynton.....	b	KUMK	Freeport Sulphur No. 5.....
KUGG	Clemence C. Morse.....	b	KUML	Oklahoma City.....
KUGJ	Loon.....	b	KUMM	West Calera.....
KUGK	Sioux City.....	b	KUMN	Portola Plumas.....

64 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KUMQ	Comerant	b	KURV	Ohonkara
KUMR	Colthrops	b	KURX	Eastern Coast
KUMS	Atlantic Sun	b	KURZ	Suboatco
KUMT	Solitaire	b	KUS	Florida
KUMV	Lake Glaucus	b	KUSB	Suedco
KUMX	Lake Flag	b	KUSC	Sunelseco
KUMZ	Lake Hector	b	KUSD	Huron
KUN	Neptune	b	KUSF	Capital of Nebraska
KUNB	Lake Harminia	b	KUSG	West Nomentum
KUNC	Lake Gunnii	b	KUSJ	Occidental
KUND	Eastern Glade	b	KUSK	City of Reno
KUNF	Eastern Ocean	b	KUSL	Pioneer
KUNG	Union Liberty	b	KUSM	John F. Hylan
KUNJ	Evergreen City	b	KUSN	Aquarius
KUNK	Neshobe	b	KUSP	Crown City
KUNL	Oronoke	b	KUSQ	Eastern Cloud
KUNM	Wheeling Mold	b	KUSR	Nemaha
KUNN	Jennie R. Morse	b	KUSS	William A. Whitney
KUNP	Freeport Sulphur No. 6	b	KUST	West Camak
KUNQ	Eastern Crown	b	KUSV	Mattole
KUNR	Eastern Victor	b	KUSX	Baccarat
KUNS	City of Vernon	b	KUSZ	Adria
KUNT	George B. MacKenzie	b	KUT	Pan-American
KUNV	Winona	b	KUTB	Haxtum
KUNX	Rochelle	b	KUTC	West Mahwah
KUNZ	Chickasaw City	b	KUTD	Anna E. Morse
KUO	Northwestern	b	KUTF	Eastern Maid
KUP	Pennsylvania	b	KUTG	Delrosa
KUPB	Albia	b	KUTJ	Pallas
KUPC	Pinthis	b	KUTK	City of Lordsburg
KUPD	Eastern Planet	b	KUTL	Nanshon
KUPF	Hahatonna	b	KUTM	John P. Reiss
KUPG	Greenland	b	KUTN	Christabel
KUPJ	West Cahokia	b	KUTP	Canco
KUPK	Darden	b	KUTQ	Iroquois
KUPL	Conness Peak	b	KUTR	Springfield
KUPM	Patrick Henry	b	KUTS	Vacuum
KUPN	Capillo	b	KUTT	Birmingham City
KUPP	Cubore	b	KUTV	Lake Furnas
KUPQ	Ogden, Utah	c	KUTX	Richconal
KUPS	Naugus	b	KUTZ	Rochester
KUPT	Waterbury	b	KUU	Brabant
KUPV	Hekuku	b	KUV	Virginia
KUPX	Hawarden	b	KUVB	Eastern Glen
KUPZ	Fishers Island	b	KUVC	City of Weatherford
KUQ	Maine	b	KUVD	Argus
KUQB	Fueloil	b	KUVF	Sebonac
KUQC	Panol	b	KUVG	Eastern Tempest
KUQD	Crudoil	b	KUVJ	Agron
KUQF	Martha Washington	b	KUVK	Steel Mariner
KUQG	Padnay	b	KUVL	Steel Trader
KUQJ	West Nivaria	b	KUVN	Domingo Nazarali
KUQK	West Keats	b	KUVP	Hastnal
KUQL	Pulaski	b	KUVR	Johnwood, Mich
KUQM	Las Vegas	b	KUVT	Jordan, Mont
KUQN	J. F. Penrose	b	KUVV	Jolee
KUQP	Unicoi	b	KUVX	Cardonia
KUQQ	Conehatta	b	KUVZ	Half Moon
KUQR	Everett	b	KUW	West Norranus
KUQS	Margaret	b	KUX	New York
KUQT	Eastern Dawn	b	KUXB	Munialbro
KUQX	Juvigny	b	KUXC	West Holbrook
KUQZ	Montfaucon	b	KUXD	San Pasqual
KUR	Georgia	b	KUXF	Cuyamaca
KURB	Hineckley	b	KUXL	Loretta
KURC	Cathwood	b	KUXM	Tippecanoe
KURD	Arcturus	b	KUXN	Cheboygan, Mich
KURF	Chappaqua	b	KUXP	Miles City, Mont
KURG	Artigas	b	KUXQ	Dallas, Tex
KURJ	W. K. Bixby	b	KUXR	Wichita Falls, Tex
KURK	Septulpa	b	KUXS	John Jay
KURL	John R. Gibbons	b	KUXT	Agylla
KURM	Eastern Admiral	b	KUXV	Long Beach, Calif
KURN	Manatee	b	KUXX	Avalon, Calif
KURP	Salaam	b	KUXZ	Manuel Rionda
KURQ	Medric	b	KUZ	Homedaga
KURR	Henry Steers	b	KUZB	Coastwise
KURS	E. G. Crosby	b	KUZC	Cristina
KURT	Brookline	b		Hahira

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KUZD	Jim Sid.....	b	KWR	Port Moller, Alaska.....c
KUZF	Suholeo.....	b	KWS	Lost Harbor, Alaska.....c
KUZG	Sutransco.....	b	KWT	Teller, Alaska.....c
KUZJ	Suelco.....	b	KWU	Katrina Luckenbach.....b
KUZK	Suportco.....	b	KWW	Sacramento.....b
KUZL	Anahuae.....	b	KWX	Chichagof, Alaska.....c
KUZM	Quillwark.....	b	KWY	Mexico.....b
KUZN	Pansa.....	b	KWZ	Monterey.....b
KUZP	Hayden.....	b	KXA	Esperanza.....b
KUZQ	Salina.....	b	KXA	Boston.....b
KUZR	Capulin.....	b	KXAA	Lake Alvada.....b
KUZS	Ensely City.....	b	KXAE	Lake Delancey.....b
KUZT	Eastern Sailor.....	b	KXAI	Lake Galera.....b
KUZV	Dungannon.....	b	KXAO	Lake Otsquago.....b
KUZX	Carib.....	b	KXAU	Lake Harris.....b
KUZZ	Cayo Mambi.....	b	KXB	City of Lowell.....b
KVA	Apache.....	b	KXC	Commonwealth.....b
KVAA	Lake Osweya.....	b	KXE	Mohawk.....b
KVAE	Lake Benbow.....	b	KXEA	Lake Pleasant.....b
KVAI	Socoony 82.....	b	KXEE	Lake Marion.....b
KVAO	Socoony 83.....	b	KXEI	Lake Sanford.....b
KVBA	Arapahoe.....	b	KXEO	Lake Gardner.....b
KVC	Comanche.....	b	KXEU	Lakeville.....b
KVD	Munrio.....	b	KXF	New Hampshire.....b
KVE	Munindies.....	b	KXG	Archer.....b
KVEA	Bellota.....	b	KXH	Plymouth.....b
KVEE	Catawba.....	b	KXI	Priscilla.....b
KVEI	West Galoc.....	b	KXIE	Calaveras.....b
KVEO	Kickapoo.....	b	KXII	Calicrock.....b
KVEU	Balandan.....	b	KXIO	Calispell.....b
KVF	Iroquois.....	b	KXIU	Lake Calistoga.....b
KVG	Chestnut Hill.....	b	KXJ	Providence.....b
KVH	Huron.....	b	KXK	Funter, Alaska.....c
KVI	Unga Island, Alaska.....c		KXL	City of Taunton.....b
KVIA	Balliett.....	b	KXM	Mohegan.....b
KVIE	West Arvada.....	b	KXO	New Haven.....b
KVII	Montclair.....	b	KXOA	City of Brockton.....b
KVIO	Lake Pearl.....	b	KXOE	Star of Lapland.....b
KVIU	Allentown.....	b	KXOI	Severance.....b
KVJ	Walter D. Munson.....	b	KXOU	Standard.....b
KVK	Cherokee.....	b	KXUA	Lake Lesa.....b
KVL	Lemape.....	b	KXUE	Lake Geneva.....b
KVM	Mohawk.....	b	KXUI	Eastern Queen.....b
KVN	Tanamo.....	b	KXUR	Lake Lillian.....b
KVO	Sagua.....	b	KXUS	Admiral Sims.....b
KVOE	Lake Garza.....	b	KXT	Coyote.....b
KVOI	Lake Gaspar.....	b	KXU	Fairmont.....b
KVOO	Lake Yelverton.....	b	KXUA	Westfield.....b
KVOU	Lake Gakoma.....	b	KXUE	Lake Geneva.....b
KVP	Charles Braley.....	b	KXUI	Eastern Queen.....b
KVR	Elinor.....	b	KXUO	Lake Lillian.....b
KVS	Gulf Queen.....	b	KXUU	Felix Taussig.....b
KVT	H. C. Cadmus.....	b	KXV	Kanawaha.....b
KVUA	Lake Ormoc.....	b	KXW	North Wind.....b
KVUE	Lake Akkra.....	b	KXX	Nelson Lagoon.....c
KVUU	Lake Gedney.....	b	KXY	Ikatan, Alaska.....c
KVUU	Lake Hewes.....	b	KXZ	Stephen R. Jones.....b
KVV	Koggigung, Alaska.....c		KYA	Lewis K. Thurlow.....b
KVX	Allagash.....	b	KYB	Felix Taussig.....b
KVY	William Isom.....	b	KYC	Kanawaha.....b
KVZ	Relay.....	b	KYD	North Wind.....b
KWA	Mt. Vernon Bridge.....	b	KYE	Corsair.....b
KWB	Fort Pitt Bridge.....	b	KYF	Mount Baker.....b
KWC	Morro Castle.....	b	KYG	Casiana.....b
KWD	Antilla.....	b	KYH	McClellan.....b
KWE	Santiago.....	b	KYK	Wild Duck.....b
KWF	Cauto.....	b	KYL	Aloha.....b
KWG	Segurancra.....	b	KYM	Karluk, Alaska.....b
KWH	Port Chatham, Alaska.....c		KYO	Alitak, Alaska.....b
KWI	Camaguey.....	b	KYP	Armenia.....b
KWJ	Yucca.....	b	KYQ	Noma.....b
KWK	W. B. Keene.....	b	KYR	Oneida.....b
KWL	Yadkin.....	b	KYS	California.....b
KWM	Panuco.....	b	KYT	Karina.....b
KWN	Guananamo.....	b	KYU	Yosemite.....b
KWO	Port Beauplaire, Alaska.....c		KVV	Redondo.....b
KWP	Sunoil.....	b	KYX	Mohawk.....b
KWQ	Saltchuck, Alaska.....c		KYY	Ascutney.....b
				Wana.....b
				Apache.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.	
KYZ	Mystery.....	b	WBD	Santa Cruz.....
KZA	Alberta.....	b	WBE	Cacicue.....
KZAA	Middlebury.....	b	WBFA	Adway.....
KZAE	Lake Linden.....	b	WBEE	Alfakay.....
KZAI	Lake Winthrop.....	b	WBFI	Airlie.....
KZAO	Lake Wilson.....	b	WBFO	Ashburn.....
KZAU	Lake Yahara.....	b	WBF	Boston, Mass.....
KZB	Alicia.....	b	WBG	Venezuela.....
KZC	Aztec.....	b	WBH	Colombia.....
KZD	Cornelia.....	b	WBIA	Chipchung.....
KZE	Zenith.....	b	WBII	Alpacu.....
KZEA	Kaketticut.....	b	WBIO	Baxley.....
KZEE	Lake Berdan.....	b	WBIIU	Pascagoula.....
KZEI	Lake Dymer.....	b	WBJ	Santa Barbara.....
KZEO	Lake Dancey.....	b	WBK	Saucon.....
KZEU	Lake Agomak.....	b	WBM	Redondo.....
KZF	Edith.....	b	WBN	Ecuador.....
KZG	Carolyn.....	b	WBO	Santa Rosa.....
KZH	Helen.....	b	WBOA	Mono.....
KZIA	Lake Auric.....	b	WBOU	Nashotah.....
KZIE	Lake Winooksi.....	b	WPB	Hernosa.....
KZII	Lake Bethona.....	b	WBQ	Santa Paula.....
KZIO	Lake Lilicusum.....	b	WBR	Santa Rita.....
KZIU	Sagaporack.....	b	WBUA	Lake Gravity.....
KZJ	Jean.....	b	WBUE	Lake Greenbrier.....
KZK	Hilton.....	b	WBUI	Lake Gretna.....
KZL	Halcyon.....	b	WBUEO	Lake Grogan.....
KZO	Margaret.....	b	WBUU	Lake Forney.....
KZOA	Lake Medford.....	b	WBV	Cabrillo.....
KZOE	Lake Arline.....	b	WBW	Burrwood, La.....
KZOI	Lake Helen.....	b	WBX	Santa Ana.....
KZOO	Lake Indian.....	b	WBZ	Santa Elena.....
KZOU	Lake Orange.....	b	WCA	Tionesta.....
KZP	Evelyn.....	b	WCAA	Bobring.....
KZQ	Ruth.....	b	WCAE	Bottineau.....
KZR	Remiluk.....	b	WCAI	Boughton.....
KZS	Santanta.....	b	WCAO	Caponka.....
KZT	Everett.....	b	WCAU	Chelan.....
KZU	United States.....	b	WCB	Juniata.....
KZUA	Katia.....	b	WCD	Octorara.....
KZUE	Kosciusko.....	b	WCE	Parthian.....
KZUI	Oneoco.....	b	WCEA	Cotteral.....
KZUO	Lone Star.....	b	WCEE	Kuwa.....
KZUU	Lake Louise.....	b	WCEI	Maratanza.....
KZV	Malden.....	b	WCEO	Mattapan.....
KZW	Melrose.....	b	WCF	Favorite.....
KZX	Newton.....	b	WCG	Brooklyn, N. Y.....
KZY	Arlington.....	b	WCI	Newport, R. I.....
KZZ	Brandon.....	b	WCIA	Bellingham.....
WAA	Alameda.....	b	WCIE	Eastport.....
WAB	Saugerties.....	b	WCII	Invincible.....
WAC	Chicago.....	b	WCIO	Lake Lemando.....
WAD	Victoria.....	b	WCIU	Naiwa.....
WAE	Ketchikan.....	b	WCJ	Anyox.....
WAF	Admiral Farragut.....	b	WCL	Westchester.....
WAG	Admiral Sebree.....	b	WCO	Wyanotte.....
WAH	Dora.....	b	WCOA	Battahatchee.....
WAI	Latouche.....	b	WCOE	Socony 84.....
WAJ	Jefferson.....	b	WCOI	Socony 92.....
WAK	Valdez.....	b	WCOO	Liberty.....
WAL	Santa Ana.....	b	WCP	Lake Kyttie.....
WAM	Juneau.....	b	WCQ	Casco.....
WAN	Northwestern.....	b	WCR	Roy Hoober.....
WAO	Rajah.....	b	WCS	The Harvester.....
WAP	Lake Crescent.....	b	WCT	Alpena.....
WAQ	Democracy.....	b	WCU	Theodore Roosevelt.....
WAR	Cordova.....	b	WCUA	Conneaut.....
WAS	Chester Sun.....	b	WCUE	Lake Forsby.....
WAT	Skagway.....	b	WCUI	Lake Fossil.....
WAU	Point Loma.....	b	WCUO	Lake Frampton.....
WAV	Philippines.....	b	WCUU	Lake Franconia.....
WAW	Admiral Watson.....	b	WCV	Lake Fray.....
WAY	Admiral Dewey.....	b	WCW	The Limit.....
WAZ	Admiral Schley.....	b	WCX	Woonsocket.....
WBA	Santa Clara.....	b	WCZ	Cleveland, Ohio.....
WBAI	Snug Harbor.....	b	WDA	Illinois.....
WBAU	Hebron.....	b	WDAA	Pere Marquette.....
WBB	Addison.....	b	WDAE	Munra.....
	Santa Cecilia.....	b		Musketo.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.		
WDAI	Wakan.	b	WFF	Franklin.	b
WDAO	Herman Winter.	b	WFG	Arizona.	b
WDAU	Wanzu.	b	WFH	Avalon.	b
WDB	Pere Marquette 19.	b	WFIA	Western Hope.	b
WDC	Pere Marquette 17.	b	WFII	Major Wheeler.	b
WDD	Pere Marquette 18.	b	WFIO	Bloomington.	b
WDE	Pere Marquette 20.	b	WFJ	Christopher Columbus.	b
WDEA	Wihaha.	b	WFL	Lake Arthur.	b
WDEE	Andra.	b	WFN	Lake Butler.	b
WDEI	Crawl Keys.	b	WFOA	Hickman.	b
WDEO	Steadfast.	b	WFOE	Lewis Luckenbach.	b
WDEU	Bayamo.	b	WFOI	Osakis.	b
WDF	Astmaheco IV.	b	WFOO	William N. Page.	b
WDG	Otsego.	b	WFOU	Phoenix Bridge.	b
WDH	Petoskey.	b	WFP	City of Erie.	b
WDI	City of Miami.	b	WFQ	City of Buffalo.	b
WDIA	South Pole.	b	WFR	State of Ohio.	b
WDIE	Watthema.	b	WFS	Seasandbee.	b
WDII	Watowan.	b	WFT	Charles O. Jenkins.	b
WDIO	Westmead.	b	WFU	F. B. Squire.	b
WDIU	West View.	b	WFUA	Lake Freezeout.	b
WDL	Lakeland.	b	WFUE	Lake Frenchton.	b
WDN	Ann Arbor No. 3.	b	WFUI	A. E. R. Schneider.	b
WDO	Ann Arbor No. 4.	b	WFUU	Oshkosh.	b
WDOA	Agwidale.	b	WFV	Sir Thomas Shaughnessy.	b
WDOE	Auburn.	b	WFW	Manitou.	b
WDOI	Cape May.	b	WFX	Missouri.	b
WDOO	Federal.	b	WFZ	Coronado.	b
WDOU	Fort Wayne.	b	WGA	City of Seattle.	b
WDP	Ann Arbor No. 5.	b	WGAA	Englewood.	b
WDQ	Ann Arbor No. 6.	b	WGAE	Galesburg.	b
WDR	Detroit, Mich.	c	WGAI	Morristown.	b
WDS	City of Grand Rapids.	b	WGAO	W. S. Rheem.	b
WDU	Puritan.	b	WGAU	La Forge.	b
WDUA	Lake Frazee.	b	WGB	Astmaheco III.	b
WDUE	Redlands.	b	WGC	W. F. White.	b
WDUI	Lake Freeborn.	b	WGD	Oregon.	b
WDUO	Lake Freed.	b	WGE	Spokane.	b
WDUU	Lake Freeland.	b	WGEA	Easterner.	b
WDV	City of Benton Harbor.	b	WGEE	Alvada.	b
WDX	Lake Tulare.	b	WGEI	East Indian.	b
WDZ	Aramis.	b	WGEU	Seypen.	b
WEA	City of Cleveland III.	b	WGG	Tuckerton, N. J.	c
WEB	City of Mackinac II.	b	WGIA	West Gramma.	b
WEC	City of Detroit II.	b	WGIE	Nantahala.	b
WED	Western States.	b	WGII	Burnside.	b
WEE	Eastern States.	b	WGIO	Saris.	b
WEF	City of Detroit III.	b	WGJ	Northland.	b
WEG	City of St. Ignace.	b	WGK	Curacao.	b
WEH	City of Alpena II.	b	WGL	Dreadnaught.	b
WEI	E. J. Earling.	b	WGM	Undaunted.	b
WEJ	Samuel Mitchell.	b	WGN	Carl D. Bradley.	b
WEK	Minnesota.	b	WGO	Chicago, Ill.	c
WEL	C. A. Smith.	b	WGOE	Polar Bear.	b
WEM	Susquehanna.	b	WGOI	Saccarappa.	b
WEN	North American.	b	WGOO	Waubesa.	b
WEO	South American.	b	WGOU	West Cressy.	b
WEP	Western King.	b	WGP	President.	b
WEQ	Montrolite.	b	WGQ	City of Puebla.	b
WER	Puget Sound.	b	WGR	Governor.	b
WES	Point Adams.	b	WGS	Senator.	b
WET	West Gotomska.	b	WGT	Western Pride.	b
WEU	Western Star.	b	WGUA	Oskawa.	b
WEW	Marquette & Bessemer No. 1.	b	WGUE	Itanca.	b
WEX	Marquette & Bessemer No. 2.	b	WGVI	Brandywine.	b
WEZ	Ashtabula.	b	WGVO	Kusdeca.	b
WEA	Georgia.	b	WGUU	Waynut.	b
WFAA	Namecki.	b	WGWW	Kerowlee.	b
WFAE	West Galeta.	b	WGXA	Queen.	b
WFAI	West Hobomac.	b	WGY	City of Topeka.	b
WFAO	Volunteer.	b	WGZ	Guardian.	b
WFAU	Mahaska.	b	WIB	New York, N. Y.	c
WFB	Alabama.	b	WHC	Columbia.	b
WFC	Indiana.	b	WHE	Philadelphia, Pa.	c
WFE	Carolina.	b	WHF	Callao.	b
WFEA	Eastern King.	b	WHG	W. F. Burrows.	b
WFEF	Winding Gulf.	b	WHH	Mount Shasta.	b
WFEI	West Hosokie.	b	WHI	New York, N. Y.	c
WFEQ	Westport.	b	WHL	Sierra.	b
WFEU	Matanzas.	b	WHL	Ventura.	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
WHM	Sonoma.....	b	WKE	Kentuckian.....
WHP	Point Arena.....	b	WKEA	Lake Deval.....
WHR	Abner Coburn.....	b	WKEE	Lake Cahoon.....
WHS	Stanley Dollar.....	b	WKEI	Lake Ypsilanti.....
WHT	Whittier.....	b	WKEO	Goodspeed.....
WHU	Balboa.....	b	WKF	American.....
WHV	Velero.....	b	WKG	S. M. Spalding.....
WHX	Humboldt.....	b	WKH	Hollywood.....
WHZ	Johanna Smith.....	b	WKIA	Fish Hawk.....
WIA	Silver Shell.....	b	WKIE	Bonham.....
WIB	Gold Shell.....	b	WKII	Eastern Light.....
WIC	Pearl Shell.....	b	WKIO	Eastern Shore.....
WID	Charles E. Harwood.....	b	WKIU	Eastern Cross.....
WIE	Herbert G. Wylie.....	b	WKJ	Iowan.....
WIF	Edward L. Doheny.....	b	WKK	Isaac L. Rice.....
WIG	Norman Bridge.....	b	WKL	Mexican.....
WIH	C. A. Canfield.....	b	WKM	Minnesotan.....
WII	{New Brunswick, N. J. (transmitting).-c	c	WKO	Oregonian.....
WIJ	Belmar, N. J. (receiving).-c	c	WKOA	Zaca.....
WIK	Edward L. Doheny, Junior.....	b	WKOE	Falmouth.....
WIN	Providencia.....	b	WKOI	Cumberland.....
WIQ	Colusa.....	b	WKOO	Connersville.....
WIS	Frederic R. Kellogg.....	b	WKOU	Central American.....
WIT	E. R. Sterling.....	b	WKP	Pennsylvanian.....
WIU	George G. Henry.....	b	WKQ	Ohioan.....
WIV	Restorer.....	b	WKR	Panaman.....
WIW	George E. Paddleford.....	b	WKS	West Arrow.....
WIX	J. M. Danziger.....	b	WKT	Texan.....
WIY	Harold Walker.....	b	WKU	Hawaiian.....
WJA	William Green.....	b	WKUI	Western Belle.....
WJAA	Andalusia.....	b	WKUO	Balino.....
WJAE	Sangamon.....	b	WKUU	West Zeda.....
WJAI	Hokah.....	b	WKV	Virginian.....
WJAO	Yuma.....	b	WKW	Absaroka.....
WJAU	M. J. Scanlon.....	b	WKX	Westward Ho.....
WJB	Aurora.....	b	WKY	Montoso.....
WJC	Kermoor.....	b	WKZ	Canoga.....
WJEA	Keresan.....	b	WLA	Benj. F. Packard.....
WJEE	Mojave.....	b	WLAA	Sarcoxie.....
WJEI	Red Cloud.....	b	WLAE	Barlow.....
WJEQ	Plainfield.....	b	WLAI	Lake Grandon.....
WJEU	Phoenix.....	b	WLAL	Lake Fluvanna.....
WJF	Panga.....	b	WLB	Jamaica.....
WJG	Teresa.....	b	WLC	New London, Conn.....
WJH	Moccasin.....	b	WLE	Maitland No. 1.....
WJIA	Krakow.....	b	WLEA	Lake Farge.....
WJIE	West Zucker.....	b	WLEE	Lake Faristell.....
WJII	Guimba.....	b	WLEI	Lake Forkville.....
WJIO	Oskaloosa.....	b	WLEO	Lake Gathcoon.....
WJIU	Independence.....	b	WLEU	Lake Fugard.....
WJJ	Schenectady.....	b	WLF	Coosa.....
WJL	Florida.....	b	WLG	Waouta.....
WJM	Wachusett.....	b	WLH	Fort Bragg.....
WJN	J. C. Donnell.....	b	WLI	Westbrook.....
WJO	Munaires.....	b	WLIA	Santa Teresa.....
WJOA	Nyanza.....	b	WLII	Goree.....
WJOE	West Elcasco.....	b	WLIO	Nantasket.....
WJOI	West Eldara.....	b	WLIU	Bologan.....
WJOO	West Loquassuck.....	b	WLJ	Monticello.....
WJOU	West Madaket.....	b	WLL	Greenwood.....
WJP	West Kyska.....	b	WLM	Warszawa.....
WJQ	Tunica.....	b	WLN	Black Arrow.....
WJR	Western Front.....	b	WLO	Orion.....
WJS	W. M. Tupper.....	b	WLQ	Neolah.....
WJU	Amphion.....	b	WLOE	Nupolela.....
WJUA	Osage.....	b	WLOI	Columbine.....
WJUI	Fort Pierce.....	b	WLOO	Cadarella.....
WJUO	Cohasset.....	b	WLQ	Barkhamstead.....
WJUU	Magunkook.....	b	WLQ	Sabine Sun.....
WJV	Bulana.....	b	WLR	Floridian.....
WJW	Guaro.....	b	WLS	Princess Matoika.....
WKA	Wyandotte.....	b	WLQ	Neuse.....
WKA	Alaskan.....	b	WLW	Pawnee.....
WKA	Socony 85.....	b	WLUA	Latoka.....
WKA	Lake Zaliski.....	b	WLUE	Haverhill.....
WKA	Lake Pickaway.....	b	WLUI	Alamosa.....
WKA	Lake Copley.....	b	WLQ	Alcona.....
WKB	Arizonian.....	b	WLQ	Ingold.....
WKD	Dakotan.....	b	WLQ	Ida.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
WLX	Pequot.....	b	WNUE	Blakeley.....
WLY	Pozman.....	b	WNUI	Bockonoff.....
WLZ	Montpelier.....	b	WNUO	Brookdale.....
WMAA	Multnomah.....	b	WNV	Hatteras.....
WMAA	Lake Furley.....	b	WNW	San Ramon.....
WMAE	Cowanšannock.....	b	WNX	Peter Reiss.....
WMAI	Cowboy.....	b	WNY	New York, N. Y.....
WMAO	Cowee.....	b	WNZ	F. J. Luckenbach.....
WMD	West Shore.....	b	WOA	Admiral Rodman.....
WMEA	Costilla.....	b	WOC	Oregon.....
WMEE	Cote Blanche.....	b	WOF	Horace X. Baxter.....
WMEI	Cotopaxi.....	b	WOG	Fred Baxter.....
WMEO	Cottonplant.....	b	WOJ	Iris.....
WMEU	Cottonwood.....	b	WOL	Los Angeles.....
WMF	Celilo.....	b	WOM	William A. McKenney.....
WMG	Wapama.....	b	WON	La Brea.....
WMI	Minnesota.....	b	WOO	Idaho.....
WMIA	Cocino.....	b	WOP	Lake Elizabeth.....
WMII	Kanabec.....	b	WOT	Coalinga.....
WMIO	Stadacona.....	b	WOU	Oregon.....
WMIU	St. Trevor Dawson.....	b	WOV	Venetia.....
WMJ	Ernest H. Meyer.....	b	WOW	Henry J. Biddle.....
WMK	Hyades.....	b	WOX	Levi G. Burgess.....
WML	Lurline.....	b	WOY	Queen II.....
WMM	Freeman.....	b	WPAA	Balsto.....
WMN	Enterprise.....	b	WPAE	Sag Harbor.....
WMO	Wilhelmina.....	b	WPAI	Yomachichi.....
WMOA	Tillamook.....	b	WPAO	Wilcox.....
WMOE	Arvonia.....	b	WPB	Northbend.....
WMOI	Braeburn.....	b	WPC	Tyee.....
WMOO	Owatama.....	b	WPE	Tatoosh.....
WMOU	Klamath.....	b	WPH	S. M. Fischer.....
WMP	Matsonia.....	b	WPIE	Corrales.....
WMQ	Manoa.....	b	WPII	Corsicana.....
WMR	Maui.....	b	WPIO	Lake Postoria.....
WMS	Wahkenna.....	b	WPIU	Lake Fouché.....
WMT	Point Bonita.....	b	WPX	Oneonta.....
WMUA	Wheaton.....	b	WPJ	Kerkenna.....
WMUE	Cokato.....	b	WPK	Florence Olson.....
WMUI	Charlot.....	b	WPL	Seafarer.....
WMUO	Panola.....	b	WPN	Pioneer.....
WMUU	Aiken.....	b	WPOE	Chibabas.....
WMV	Kermitt.....	b	WPOI	Dungeness.....
WMY	A. M. Byers.....	b	WPOO	Washtenaw.....
WMZ	Honolulu.....	b	WPOU	Charles M. Everest.....
WNAA	Craincreek.....	b	WPQ	Zapora.....
WNAE	Cranenest.....	b	WPR	Ensenada, Porto Rico.....
WNAI	Craycroft.....	b	WPS	Starr.....
WNAO	Lake Calliecon.....	b	WPUE	Caddopeak.....
WNAU	Lake Fresco.....	b	WPUI	Callabasas.....
WNB	El Capitan.....	b	WPUO	Cascade.....
WNC	Wabash.....	b	WPUU	Coaxet.....
WND	Windber.....	b	WPV	H. M. Whitney.....
WNE	Nushagak.....	b	WPW	James S. Whitney.....
WNEA	Lake Charlottesville.....	b	WPY	Wallula.....
WNEO	Dio.....	b	WQA	Harvey H. Brown.....
WNEU	Coweta.....	b	WQAI	Inco No. 1.....
WNF	Hattie Luckenbach.....	b	WQAO	Agria.....
WNG	Otto M. Reiss.....	b	WQAU	Coulter.....
WNH	Clemens A. Reiss.....	b	WQD	Hoosac.....
WNI	William A. Reiss.....	b	WQE	Hisko.....
WNIA	Cruso.....	b	WQEAA	Lithopolis.....
WNIE	Agawam.....	b	WQEE	Everglades.....
WNII	Challenger.....	b	WQEI	Rebecca Palmer.....
WNIO	Python.....	b	WQEEO	West Zula.....
WNIU	Cornucopia.....	b	WQEUE	Canibas.....
WNK	Richard J. Reiss.....	b	WQF	Harry W. Croft.....
WNL	Lake St. Clair.....	b	WQG	Fayette Brown.....
WNM	Florence Luckenbach.....	b	WQH	M. A. Bradley.....
WNOA	Allanhurst.....	b	WQI	Costa Rica.....
WNOE	Fort Riley.....	b	WQIA	Mexoil.....
WNOI	Fort Harrison.....	b	WQIE	Bedminster.....
WNOO	Fort Snelling.....	b	WQII	Holbrook.....
WNOU	Fort Russel.....	b	WQIO	Neponset.....
WNP	Pleiades.....	b	WQIU	Swamscott.....
WNQ	Wilhelm Jebsen.....	b	WQJ	Sarah Weems.....
WNR	Rush.....	b	WQK	Oran.....
WNS	Kvichak.....	b	WQOA	Tipton.....
WNU	New Orleans, La.....	b	WQOE	Garfield.....
WNUA	Anthera.....	b	WQOI	Tolo.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.		
WQOO	Folsom.....	b	WSOU	Lewiston.....	b
WQOU	Bugaya.....	b	WSP	Westhampton.....	b
WQQ	Rappahannock.....	b	WSQ	Vizcaya.....	b
WQR	Nansemond.....	b	WSR	Reuce.....	b
WQS	Artemis.....	b	WSS	St. Nicholas.....	b
WQT	Watauga.....	b	WSU	Republic.....	b
WQU	Cuba.....	b	WSUA	West Helix.....	b
WQUA	Cokesit.....	b	WSUE	West Wauna.....	b
WQUE	Edgecombe.....	b	WSUI	West Wauneka.....	b
WQUI	Flavel.....	b	WSUU	Lake Gradan.....	b
WQUO	Iconium.....	b	WSW	Willamette.....	b
WQUU	Jacona.....	b	WSX	Klamath.....	b
WQW	Jeanette Skinner.....	b	WSZ	Bremerton.....	b
WQY	Yosemite.....	b	WTA	James Timson.....	b
WQZ	West Eagle.....	b	WTAA	Lake Beacon.....	b
WRA	O. A. Hermanson.....	b	WTAE	Lake Desha.....	b
WRAA	Basaan.....	b	WTAI	Lake Mattato.....	b
WRAE	Alabama.....	b	WTAO	Lake Licoco.....	b
WRAT	Allegheny.....	b	WTAU	Campello.....	b
WRB	Berlin.....	b	WTB	Argyll.....	b
WRC	Silverado.....	b	WTC	Lansing.....	b
WRD	D. G. Scofield.....	b	WTD	Oleum.....	b
WRE	J. A. Moffett.....	b	WTE	Tamesi.....	b
WREA	West Lashaway.....	b	WTEA	Canaveral.....	b
WREE	Wauconda.....	b	WTEE	Cedar Spring.....	b
WREI	Quisconck.....	b	WTEI	Ceralvo.....	b
WREO	Zirkel.....	b	WTEO	Cerosco.....	b
WREU	Governor John Lind.....	b	WTEU	Operas.....	b
WRF	Amelia.....	b	WTF	Westwood.....	b
WRG	Annetta.....	b	WTG	Santa Rita.....	b
WRI	Paraiso.....	b	WTH	Westlake.....	b
WRIA	Aowa.....	b	WTIA	Fernandina.....	b
WRIE	Lake Gorin.....	b	WTII	Socony 90.....	b
WRII	Roman.....	b	WTIO	Socony 94.....	b
WRIO	Star 1.....	b	WTIU	Deerfield.....	b
WRIU	Quinnescoco.....	b	WTJ	Sutherland.....	b
WRJ	Admiral Goodrich.....	b	WTL	Lyman Stewart.....	b
WRN	Siboney.....	b	WTM	W. S. Porter.....	b
WRO	Middlesex.....	b	WTN	Wm. F. Herrin.....	b
WROA	Westpool.....	b	WTO	Frank H. Buck.....	b
WROE	Indianapolis.....	b	WTOA	Allison.....	b
WROI	Lydia.....	b	WTOE	Amoron.....	b
WROO	E. L. Doheny, Third.....	b	WTOT	Belair.....	b
WROU	Belgrade.....	b	WTOO	Toiter.....	b
WRQ	Margaret.....	b	WTOU	Coulee.....	b
WRS	Suffolk.....	b	WTQ	El Segundo.....	b
WRUA	Kangi.....	b	WTR	Richmond.....	b
WRUE	Medford.....	b	WTS	Col. E. L. Drake.....	b
WRUI	Okiya.....	b	WTT	Atlas.....	b
WRUO	Quittacas.....	b	WTU	S. O. Co. No. 91.....	b
WRUU	Wakiki.....	b	WTUE	Laurel.....	b
WRV	Alliance.....	b	WTUJ	Calvert.....	b
WRX	Ozama.....	b	WTUO	Houma.....	b
WRZ	Rainier.....	b	WTUU	West Mahomet.....	b
WSAA	Dancey.....	b	WTV	Captain A. F. Lucas.....	b
WSAE	Apalacnee.....	b	WTW	Ossineke.....	b
WSAO	Alabat.....	b	WTX	Asuncion.....	b
WSAU	Bagos.....	b	WTY	S. O. Co. No. 93.....	b
WSD	Redwood.....	b	WTZ	S. O. Co. No. 95.....	b
WSE	New York, N. Y.....	c	WVAA	Coquina.....	b
WSEA	Defance.....	b	WVAE	Corapeak.....	b
WSEE	W. L. Steed.....	b	WVAI	Corcoran.....	b
WSEI	Cricket.....	b	WVAO	Conotton.....	b
WSEU	Lake Fondulac.....	b	WVAU	Contoocook.....	b
WSEU	Lake Buckeye.....	b	WVEA	Congaree.....	b
WSF	Admiral Wainwright.....	b	WVEE	Alanthus.....	b
WSG	Norwood.....	b	WVEI	Basco.....	b
WSI	Santa Inez.....	b	WVEO	Banago.....	b
WSIA	Caribou.....	b	WVEU	Isanti.....	b
WSIE	Harish.....	b	WVIA	Lake Gormania.....	b
WSII	Casmalia.....	b	WVIE	Yamhill.....	b
WSJ	Santa Alicia.....	b	WVII	Buhisan.....	b
WSM	Fair Oaks.....	b	WVIU	Lake Govan.....	b
WSN	Centralia.....	b	WVOA	Council Bluffs.....	b
WSO	Marion, Mass. (transmitting).....	c	WVOE	Couparie.....	b
WSOE	Chatham, Mass. (receiving).....	c	WVOI	Courtois.....	b
WSOI	Mount Rainier.....	b	WVOO	Coushatta.....	b
WSOO	West Sequana.....	b	WVOU	Coutolene.....	b
	Crathorne.....	b	WVUA	Courageous.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
WVUE	J. B. Stetson.	b	WXIU	Aberdeen.....b
WVUI	Arado.....b		WXOA	Cowiche.....b
WVUO	Aimwell.....b		WXOE	Crabtree.....b
WVUU	Kanakee.....b		WXOI	Craigrownie.....b
WWA	China.....b		WXOO	Craigsmere.....b
WWC	Western Wave.....b		WXUA	Beaumont.....b
WWD	Arcadia.....b		WXUE	Boreta.....b
WWE	Manchuria.....b		WXUI	Hampden.....b
WWF	City of Para.....b		WXUO	Monmouth.....b
WWH	Newport.....b		WXUU	Bayou Teche.....b
WWK	Western Queen.....b		WZAA	L. J. Drake.....b
WWL	San Jose.....b		WZAE	West Humhaw.....b
WWM	San Juan.....b		WZAI	Alapaha.....b
WWN	Mongolia.....b		WZAO	Botsford.....b
WPW	Ausable.....b		WZAU	E. C. Pope.....b
WWR	Rose City.....b		WZEA	Saxon.....b
WWS	Alaska.....b		WZEE	Maruba.....b
WWT	Nuuuanu.....b		WZEI	G. A. Flagg.....b
WWZ	Mariana.....b		WZEU	North Pines.....b
WXAA	Ozaukee.....b		WZIA	Darrah.....b
WXAE	Yainax.....b		WZIE	Burmont.....b
WXAI	Cocopa.....b		WZII	Burnham.....b
WXAO	Danebrog.....b		WZIO	Admiral Mayo.....b
WXAU	Keota.....b		WZIU	Western Plains.....b
WXEA	Western Scout.....b		WZOA	Lake Graphite.....b
WXEE	Okesa.....b		WZOE	Lake Gratis.....b
WXEI	Western Comet.....b		WZOI	Lake Grattan.....b
WXEO	West Cape.....b		WZOO	Lake Gravella.....b
WXEU	Yukon.....b		WZOU	Lake Gravett.....b
WXIA	Victorious.....b		WZUA	Norfolk.....b
WXIE	Waneyanda.....b		WZUE	Newburgh.....b
WXII	Wenakee.....b		WZUU	Oglethorpe.....b
WXIO	Buckhorn.....b			

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[This list includes all Government land radio stations of the United States.]

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Alexandria, Va.	WXY	.....	O	X	U. S. Army.
Alpena, Mich.	NSM	300, 600	PG	N	U. S. Navy.
Anacostia, D. C.	NSF	300, 600	O	X	Do.
Anacostia, D. C.	NOF	300, 600	O	X	Do.
Anderson (moored vessel)	WZM	600, 825	O	X	U. S. Army.
Annapolis, Md.	NSS	300, 600	PG	N	U. S. Navy.
Ashtabula, Ohio	NQB	300, 600	PG	N	Do.
Astoria, Oregon	NUZ	300, 600	PG	N	Do.
Atka Island, Alaska	WJI	900	O	X	Department of Interior.
Avalon, Calif.	NZL	300, 600	PG	N	U. S. Navy.
Balboa, C. Z.	NBA	300, 600	PG	N	Do.
Baltimore, Md.	NBZ	300, 600	PG	N	Do.
Baile Harbor, Me. (Otter Cliffs)	NBD	300, 600	PG	N	Do.
Bantagas, P. I.	KUXK	.....	.....	.....	Philippine Insular Government.
Beaufort, N. C.	NAN	300, 600	PG	N	U. S. Navy.
Bellefonte, Pa.	WWQ	.....	.....	.....	Post Office Department.
Boston, Mass.	NAD	300, 600	PG	N	U. S. Navy.
Brooklyn, N. Y. (Navy Yard)	NAH	300, 600	PG	N	Do.
Brooks, Alaska	WUV	300, 600	PR	X	U. S. Army.
Buffalo, N. Y.	NNZ	300, 600	PG	N	U. S. Navy.
Buckroe (moored vessel)	WZL	600, 825	O	X	U. S. Army.
Calumet, Mich.	NUG	300, 600	PG	N	U. S. Navy.
Cape Cod, Mass.	NAE	300, 600	PG	N	Do.
Cape Hatteras, N. C.	NDW	300, 600	PG	N	Do.
Cape Mala, R. P.	NNT	300, 600	PG	N	Do.
Cape May, N. J.	NSD	300, 600	PG	N	Do.
Cavite, P. I.	NPO	300, 600	PG	N	Do.
Cayey, P. R.	NZR	300, 600	PG	N	Do.
Cebu, P. I.	KUXJ	.....	.....	.....	Philippine Insular Government.
Charleston, S. C.	NAO	300, 600	PG	N	U. S. Navy.
Chatham, Mass.	NXA	300, 600	O	X	Do.
Chicago, Ill.	NUR	300, 600	PG	N	Do.
Chicago, Ill.	WWG	.....	.....	.....	Post Office Department.
Circle City, Alaska	WVA	1280	PG	(¹)	U. S. Army.
Cleveland, Ohio	NRH	300, 600	PG	N	U. S. Navy.
Cleveland, Ohio	WWO	.....	.....	.....	Post Office Department.
Coasters Harbor Island, R. I.	NAF	300, 600	PG	N	U. S. Navy.
Coco Solo, C. Z.	NNL	300, 600	PG	N	Do.
College Park, Md.	WWX	.....	.....	.....	Post Office Department.
Colon, C. Z.	NAX	300, 600	PG	N	U. S. Navy.
Cordova, Alaska	NPA	300, 600	PG	N	Do.
Craig, Alaska	WXA	600	PR	(¹)	U. S. Army.
Cuyo, P. I.	WVX	600, 1200	PR	(²)	Philippine Insular Government.
Darien, C. Z.	NBA	300, 600	PG	N	U. S. Navy.
Davao, P. I.	WVO	600, 1200	PG	(²)	Philippine Insular Government.
Detroit, Mich.	NRQ	300, 600	PG	N	U. S. Navy.
Duluth, Minn.	NUX	300, 600	PG	N	Do.
Dutch Harbor, Alaska	NPR	300, 600	PG	N	Do.
Ecorse, Mich.	NDL	300, 600	PG	N	Do.
Eureka, Calif.	NPW	300, 600	PG	N	Do.
Fairbanks, Alaska	WVB	1500	PG	(¹)	U. S. Army.
Farallons, Calif.	NPI	300, 600	PG	N	U. S. Navy.
Fire Island, N. Y.	NAH	300, 600	PG	N	Do.
Fort Adams, R. I.	WUU	Variable.	O	X	U. S. Army.
Fort Andrews, Mass.	WUA	1100	O	X	Do.
Fort Barrancas, Fla.	WZD	600, 800, 1000, 1150, 1230	O	X	Do.
Fort Bliss, Tex.	WZO	3100, 6000, 7000, 8000, 10000	O	N	Do.

¹ Operates from 8 a. m. to 8 p. m.

² Operates from 7 a. m. to 6 p. m.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Fort Brown, Tex.	WUZ	1350, 1700, 2100, 2700, 3100, 4700, 6300, 7000	O	N	U. S. Army.
Fort Casey, Wash.	WZJ	500	O	N	Do.
Fort Caswell, N. C.	WUT	825	O	X	Do.
Fort Constitution, N. H.	WZE	300, 400, 500, 600, 700, 800, 900, 1000	O	X	Do.
Fort Crockett, Tex.	WUX	500, 900	O	X	Do.
Fort Dade, Fla.	WZK	825	O	X	Do.
Fort De Russy, Hawaii.	WZG	—	O	X	Do.
Fort Drum, P. I.	WVP	430	O	X	Do.
Fort Du Pont, Del.	WZN	—	O	X	Do.
Fort Egbert, Alaska.	WVC	1500	PG	(1)	Do.
Fort Frank, P. I.	WVL	—	O	X	Do.
Fort Gibbon, Alaska.	WVD	2000	PG	(1)	Do.
Fort Hancock, N. J.	WUB	1200	O	X	Do.
Fort H. G. Wright, N. Y.	WUC	600	O	X	Do.
Fort Howard, Md.	WZB	600, 825, 1200	O	X	Do.
Fort Huachuca, Ariz.	WZP	2,300, 2750	O	N	Do.
Fort Hughes, P. I.	WVM	600	O	X	Do.
Fort Leavenworth, Kans.	WUD	1800	O	X	Do.
Fort Leveett, Me.	WUE	300	O	X	Do.
Fort McIntosh, Tex.	WUH	1350, 1665, 1975, 2275, 2550, 3050	O	N	Do.
Fort Mills, P. I.	WVZ	600	O	X	Do.
Fort Mills, P. I.	WVN	300, 600, 825, 1200	O	N	Do.
Fort Monroe, Va.	WUF	400, 600, 825, 1100	O	X	Do.
Fort Monroe, Va.	WUG	600, 825	O	X	Do.
Fort Morgan, Ala.	WUR	600, 1200	O	X	Do.
Fort Moultrie, S. C.	WZF	600, 825	O	X	Do.
Fort Riley, Kans.	WUI	1200	O	X	Do.
Fort Rosecrans, Calif.	WUS	300, 575	O	X	Do.
Fort Sam Houston, Tex.	WUJ	3100, 4700, 6300, 7500, 9500	O	N	Do.
Fort St. Michael, Alaska.	WVE	600, 900	PG	(1)	Do.
Fort St. Philip, La.	WXQ	450, 600, 1100	O	X	Do.
Fort San Jacinto, Tex.	WUY	300, 1200	O	X	Do.
Fort Screven, Ga.	WZA	825	O	X	Do.
Fort Stevens, Oreg.	WUK	1100	O	X	Do.
Fort Story, Va.	WXZ	360, 525, 825, 1100	O	X	Do.
Fort Terry, N. Y.	WUW	Variable, 600, 800, 1100, 1200	O	X	Do.
Fort Totten, N. Y.	WUL	—	O	N	Do.
Fort Travis, Tex.	WXP	600, 900	O	X	Do.
Fort Whitman, Wash.	WZC	400, 1100	O	X	Do.
Fort William McKinley, P. I.	WVQ	600	O	X	Do.
Fort Winfield Scott, Calif.	WUO	1100	O	X	Do.
Fort Wint, P. I.	WVR	1200	O	X	Do.
Fort Wood, N. Y.	WUM	600, 800, 1000 1230	O	X	Do.
Fort Worden, Wash.	WUN	1200	O	X	Do.
Fort Yukon, Alaska.	WXX	600	O	(1)	Do.
Frankfort, Mich.	NSR	300, 600	PG	N	U. S. Navy.
Galveston, Tex.	NKB	300, 600	PG	N	Do.
Grand Haven, Mich.	NSY	300, 600	PG	N	Do.
Great Lakes, Ill.	NAJ	300, 600	PG	N	Do.
Guam, Guam	NPN	300, 600	PG	N	Do.
Guantanamo Bay, Cuba.	NAW	300, 600	PG	N	Do.
Hampton Roads, Va.	NAM	300, 600	PG	N	Do.
Heeia Point, Hawaii.	NPM	300, 600	PG	N	Do.
Hillcrest, Calif.	NPG	300, 600	PG	N	Do.
Holy Cross, Alaska.	WVK	600	PG	(1)	U. S. Army.
Iditarod, Alaska.	WXL	300, 500, 600, 1650	PR	(2)	Do.
Iloilo, P. I.	KUVM	—	—	—	Philippine Insular Government.
Indian Head, Md.	NBG	300, 600	O	X	U. S. Navy.
Inglewood, Calif.	NPX	300, 600	PG	N	Do.
Isabela de Basilan, P. I.	KHI	200	—	(3)	Philippine Insular Government.

¹ Operates from 8 a. m. to 8 p. m.² Operates from 9 a. m. to 7 p. m.³ Operates from 8.20 a. m. to 4 p. m.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Serv- ice.	Hours.	Station controlled by—
Jacksonville, Fla.....	NFI	300, 600	PG	N	U. S. Navy.
Jolo, P. I.....	WVS.	600	PG	(1)	Philippine Insular Government.
Juneau, Alaska.....	NVD	300, 600	PG	N	U. S. Navy.
Jupiter, Fla.....	NAQ	300, 600	PG	N	Do.
Kanakanak, Alaska.....	KGU	.....	O	X	Department of Interior.
Ketchikan, Alaska.....	NVH	300, 600	PG	N	U. S. Navy.
Keyport, Wash.....	NPZ	300, 600	PG	N	Do.
Key West, Fla.....	NAR	300, 600	PG	N	Do.
Kodiak, Alaska.....	NPS	300, 600	PG	N	Do.
Kotlik, Alaska.....	WVF	600, 800	PG	(2)	U. S. Army.
La Palma, R. P.....	NNW	300, 600	PG	N	U. S. Navy.
Light Vessel No. 1, Martins Industry, S. C.....	NART	300, 600	PG	N	Do.
Light Vessel No. 3, Handkerchief, Mass.....	NAQS	300, 600	PG	N	Do.
Light Vessel No. 5, Stone Horse Shoal, Mass.....	NANT	300, 600	PG	N	Do.
Light Vessel No. 9, Hedge Fence, Mass.....	NATD	300, 600	PG	N	Do.
Light Vessel No. 11, Scotland, N. Y.....	NARV	300, 600	PG	N	Do.
Light Vessel No. 20, Cross Rip, Mass. (only).....	NAQB	300, 600	PG	N	Do.
Light Vessel No. 23, Ram Island Reef, Conn.....	NARX	300, 600	PG	N	Do.
Light Vessel No. 34, Charleston, S. C.....	NAZJ	300, 600	PG	N	Do.
Light Vessel No. 39, Brenton Reef, R. I.....	NASB	300, 600	PG	N	Do.
Light Vessel No. 41, Vineyard Sound, Mass.....	NACK	300, 600	PG	N	Do.
Light Vessel No. 42, Hen and Chick- ens, Mass.....	NAPP	300, 600	PG	N	Do.
Light Vessel No. 44, Northeast End, N. J.....	NARS	300, 600	PG	N	Do.
Light Vessel No. 46, Tail of Horseshoe, Va.....	NAZR	300, 600	PG	N	Do.
Light Vessel No. 47, Pollock Rip, Mass.....	NANS	300, 600	PG	N	Do.
Light Vessel No. 48, Cornfield Point, Conn.....	NASC	300, 600	PG	N	Do.
Light Vessel No. 52, Fenwick Island Shoal, Del.....	NAJS	300, 600	PG	N	Do.
Light Vessel No. 54, Boston, Mass.....	NADX	300, 600	PG	N	Do.
Light Vessel No. 66, Great Round Shoals, Mass.....	NABJ	300, 600	PG	N	Do.
Light Vessel No. 67, Umatilla Reef, Wash.....	NACV	300, 600	PG	N	Do.
Light Vessel No. 68, Fire Island.....	NLS	300, 600	PG	N	Do.
Light Vessel No. 69, Overfalls, Del.....	NAKT	300, 600	PG	N	Do.
Light Vessel No. 70, San Francisco, Calif. (Golden Gates).....	NAKS	300, 600	PG	N	Do.
Light Vessel No. 72, Diamond Shoals, N. C.....	NITQ	300, 600	PG	N	Do.
Light Vessel No. 73, Pollock Rip Slue, Mass.....	NAFT	300, 600	PG	N	Do.
Light Vessel No. 74, Portland, Me.....	NAMS	300, 600	PG	N	Do.
Light Vessel No. 79, Five Fathom Bank, N. J.....	NADV	300, 600	PG	N	Do.
Light Vessel No. 80, Cape Lookout Shoals, N. C.....	NABV	300, 600	PG	N	Do.
Light Vessel No. 81, Head Bank, Tex.....	NLP	300, 600	PG	N	Do.
Light Vessel No. 83, Blunts Reef, Calif.....	NACT	300, 600	PG	N	Do.
Light Vessel No. 84, Brunswick, Ga.....	NABX	300, 600	PG	N	Do.
Light Vessel No. 85, Nantucket Shoals, Mass.....	NLA	300, 600	PG	N	Do.
Light Vessel No. 87, Ambrose Channel, N. Y.....	NALS	300, 600	PG	N	Do.
Light Vessel No. 88, Columbia, Oreg....	NAJT	300, 600	PG	N	Do.
Light Vessel No. 91, Winter Quarter Shoals, Va.....	NADT	300, 600	PG	N	Do.
Light Vessel No. 93, Swiftsure Bank, Wash.....	NABT	300, 600	PG	N	Do.
Light Vessel No. 94, Frying Pan Shoals, N. C.....	NLC	300, 600	PG	N	Do.
Light Vessel No. 101, Cape Charles, Va.....	NAJV	300, 600	PG	N	Do.
Light Vessel No. 102, South Pass, La.....	NAGT	300, 600	PG	N	Do.
Ludington, Mich.....	NTM	300, 600	PG	N	Do.
Mackinac Island, Mich.....	NUD	300, 600	PG	N	Do.
Malabang, P. I.....	WVT	600, 1200	PG	(3)	Philippine Insular Government. Do.
Malangas, P. I.....	KUXG	.....	.....	.....	.....

¹ Operates from 7 a. m. to 5.15 p. m.² Operates from 8 a. m. to 8 p. m.³ Operates from 7 a. m. to 7.30 p. m.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Managua, Nicaragua.....	NAZ	300,600	PG	N	U.S. Navy.
Manati, Cuba.....	NMB	300,600	PG	N	Do.
Manila, P. I.....	WVU	600	O	X	U.S. Army.
Manistique, Mich.....	NUB	300,600	PG	N	U.S. Navy.
Manitowoc, Wis.....	NTY	300,600	PG	N	Do.
Mare Island, Calif. (Navy Yard).....	NPG	300,600	PG	N	Do.
Marshfield, Oreg.....	NPF	300,600	PG	N	Do.
McGrath, Alaska.....	WVX				
Miami, Fla.....	NGE	300,600	PG	N	U.S. Navy.
Milwaukee, Wis.....	NUK	300,600	PG	N	Do.
Mobile, Ala.....	NGT	300,600	PG	N	Do.
Naval Academy, Md.....	NAK	300,600	PG	N	Do.
Navassa Island, W. I.....	NKC	300,600	PG	N	Do.
New London, Conn.....	NRZ	300,600	PG	N	Do.
New Orleans, La.....	NAT	300,600	PG	N	Do.
Newport, R. I.....	NAF	300,600	PG	N	Do.
Newark, N. J.....	WWU				Post Office Department.
New York, N. Y.....	KUVS	300,400,600	PR	N	Police Department, New York City.
New York, N. Y.....	NAH	300,600	PG	N	U.S. Navy.
Nome, Alaska.....	WVG	600,2000,	PG	(1)	U.S. Army.
Norfolk, Va.....	NAM	2500,3000			
North Head, Wash.....	NPE	300,600	PG	N	U.S. Navy.
Nulato, Alaska.....	WVH	1400	PG	(1)	U.S. Army.
Olongapo, P. I.....	NPT	300,600	PG	N	U.S. Navy.
Pearl Harbor, Hawaii.....	NPM	300,600	PG	N	Do.
Peking, China.....	NPP	300,600	PG	N	Do.
Pensacola, Fla.....	NAS	300,600	PG	N	Do.
Petersburg, Alaska.....	WVI	500	PG	(1)	U.S. Army.
Philadelphia, Pa.....	NAI	300,600	PG	N	U.S. Navy.
Point Arguello, Calif.....	NPK	300,600	PG	N	Do.
Point Isabel, Tex.....	NAY	300,600	PG	N	Do.
Port Arthur, Tex.....	NYJ	300,600	PG	N	Do.
Portland, Me.....	NAB	300,600	PG	N	Do.
Port au Prince, Haiti.....	NSC	300,600	PG	N	Do.
Port Royal, S. C.....	NAV	300,600	PG	N	Do.
Portsmouth, N. H.....	NAC	300,600	PG	N	Do.
Puerto Obaldia, R. P.....	NRK	300,600	PG	N	Do.
Puerto Princesa, P. I.....	WVV	600,1200	PG	(2)	Philippine Insular Government.
Puget Sound, Wash.....	NPC	300,600	PG	N	U.S. Navy.
Radio, Va.....	NAA	300,600	PG	N	Do.
Relief Light Vessel No. 2, fifth district, Baltimore.....	NUGF	300,600	PG	N	Do.
Relief Light Vessel No. 4, first district, Boston.....	NAZV	300,600	PG	N	Do.
Relief Light Vessel No. 16, third district, New York.....	NASK	300,600	PG	N	Do.
Relief Light Vessel No. 49, sixth district, Baltimore.....	NESC	300,600	PG	N	Do.
Relief Light Vessel No. 53, sixth district, South Carolina.....	NAJC	300,600	PG	N	Do.
Relief Light Vessel No. 76, twelfth district.....	NACD	300,600	PG	N	Do.
Relief Light Vessel No. 78, third district, New York.....	NITR	300,600	PG	N	Do.
Relief Light Vessel No. 86, first naval district.....	NAJJ	300,600	PG	N	Do.
Relief Light Vessel No. 90, first district, Boston.....	NITS	300,600	PG	N	Do.
Relief Light Vessel No. 92, thirteenth district, Pacific.....	NADB	300,600	PG	N	Do.
Rockaway Beach, N. Y.....	NAH	300,600	PG	N	Do.
St. Augustine, Fla.....	NAP	300,600	PG	N	Do.
St. Croix, V. I.....	NNI	300,600	PG	N	Do.
St. George, Alaska.....	NPY	300,600	PG	N	Do.
St. Paul, Alaska.....	NPQ	300,600	PG	N	Do.
St. Thomas, V. I.....	NBB	300,600	PG	N	Do.
San Diego, Calif.....	NPL	300,600	PG	N	Do.
San Domingo City, D. R.....	NJG	300,600	PG	N	Do.
San Francisco, Calif.....	NPG	300,600	PG	N	Do.
San Francisco Beach, Calif.....	NPG	300,600	PG	N	Do.
San Jose, P. I.....	WVY	600	PG	(2)	Philippine Insular Government.
San Juan, P. R.....	NAU	300,600	PG	N	U. S. Navy.
San Pedro, Calif.....	NPX	300,600	PG	N	Do.

¹ Operates from 8 a. m. to 8 p. m.² Operates from 7 a. m. to 6 p. m.

76 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Savannah, Ga.	NEV	300,600	PG	N	U. S. Navy.
Sayville, N. Y.	NDD	300,600	PG	N	Do.
Sea Gate, N. Y.	NAH	300,600	PG	N	Do.
Seattle, Wash.	KPE	300,450, 525, 600	PG	N	Harbor Department, City of Seattle.
Seattle, Wash.	NVL	300,600	PG	N	U. S. Navy.
Seward, Alaska.	NPV	300,600	PG	N	Do.
Shanghai, China.	NPJ	300,600	PG	N	Do.
Shanghai, China.	WZI				U. S. Army.
Siasconsett, Mass.	NBS	300,600	PG	N	U. S. Navy.
Sitka, Alaska.	NPB	300,600	PG	N	Do.
Tampa, Fla.	NGL	300,600	PG	N	Do.
Tatoosh, Wash.	NPD	300,600	PG	N	Do.
Tien-Tsin, China.	WYX				U. S. Army.
Tongshan, China.	WJD				Do.
Tutuila, Samoa.	NPU	300,600	PG	N	U. S. Navy.
Virginia Beach, Va.	NCZ	300,600	PG	N	Do.
Vladivostok, Siberia.	NPH	300,600	PG	N	Do.
Washington, D. C. (Navy Department)	NAA	300,600	PG	N	Do.
Washington, D. C. (Arlington).	NAA	300,600	PG	N	Do.
Washington, D. C. (Navy Yard).	NAL	300,600	PG	N	Do.
Washington, D. C. (Bureau of Standards).	NSJ	300,600	O	X	Do.
Washington, D. C. (Signal Corps laboratory).	WUP	Variable.	O	X	U. S. Army.
Washington, D. C. (Signal Corps laboratory).	WUQ	Variable.	O	X	Do.
Washington, D. C. (Bureau of Standards).	WWV	Variable.	O	X	Department of Commerce.
Wilmington, N. C.	NWN	300,600	PG	N	U. S. Navy.
Wrangell, Alaska.	WVJ	475	PG	.....	U. S. Army.
Yerba Buena, Calif. (Goat Island).	NPG	300,600	PG	N	U. S. Navy.
Zamboanga, P. I.	WWV	600,1200	PG	.....	Philippine Insular Government.

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[All naval stations are open to general public service and maintain a continuous service. The normal wave length is 600 meters, but all vessels are equipped to transmit and receive on a wave length of 300 meters.]

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
A-2	NXB	Benham	NIJ	Charlotte	NMN
A-3	NXC	Bernadou	NESS	Chase	NUMK
A-4	NXD	Biddle	NVW	Chattanooga	NGI
A-5	NXE	Billingsley	NUPQ	Chauncey	NIFF
A-6	NXF	Birmingham	NCN	Chemung	NARG
A-7	NXG	Bittern	NIJR	Chester	NDG
AA-1	NILB	Black Hawk	NAJD	Chew	NEMZ
AA-2	NABB	Blakely	NVX	Chewink	NIJV
AA-3	NABZ	Bobolink	NIJJ	Cheyenne	NDH
Aaron Ward	NELX	Boggs	NAMT	Chicago	NDI
Abarenda	NOB	Borie	NULL	Childs	NULN
Abbot	NEZS	Boston	NGC	Claxton	NEQZ
Acushnet (C. G. C.)	NRU	Bothwell (C. G. C.)	NEKD	Clemson	NEZT
Ajax	NAKD	Boyce (C. G. C.)	NISD	Cleveland	NDM
Alabama	NBI	Branch	NEML	Coast Torpedo Boat	
Alameda	NUGJ	Brant	NAFF	No. 6	NIFT
Albany	NBJ	Brazos	NIFK	Coghlan	NUPK
Albatross	NQY	Breck	NULZ	Cole	NEST
Alden	NULK	Breckinridge	NERZ	Colhoun	NAJL
Alert	NBL	Breese	NESM	Colonel George Armistead	
Algonquin (C. G. C.)	NRA	Bridge	NOI	WYD	
Algoma	NEVP	Bridgeport	NGR	Colorado	NECR
Allegheny	NACZ	Brooklyn	NFA	Columbia	NGA
Allen	NJD	Brooks	NEZX	Columbine (L. H. T.)	NLL
Ammen	NBP	Broom	NEPF	Comanche (C. G. C.)	NRW
Androscoggin (C. G. C.)	NRD	Bruce	NUPS	Comfort	NDO
Anemone (L. H. T.)	NABP	Brutus	NNA	Concord	NQH
Annapolis	NBR	Buchanan	NEQS	Connecticut	NDQ
Anthony	NEVS	Buffalo	NCU	Conner	NSN
Antigone	KOKN	Buford	WXA	Constellation	NEDF
Apache (C. G. C.)	NACB	Bulmer	NUPN	Constellation (old)	NEY
Aramis	NARP	Burns	NAFS	Constitution	NEBF
Arapaho	NSP	Burnside	WXR	Constitution (old)	NLZ
Arbutus (L. H. T.)	NAGM	Burrows	NCV	Contocook	NELR
Arcata (C. G. C.)	NADD	Bush	NETT	Converse	NAPM
Arethusa	NBU	Bushnell	NZC	Conyngham	NJE
Arizona	NBW	C-1	NXK	Cook (C. G. C.)	NIGT
Arkansas	NBV	C-2	NXL	Cormorant	NIKV
Aroostook	NMK	C-3	NXM	Cowell	NETV
Asheville	NELV	C-4	NNX	Crane	NIFB
Astoria	NGM	C-5	NXO	Craven	NERJ
Atlantic	NENN	Cadmus	WUAB	Crook	WXB
Auk	NIJT	Caesar	NCY	Crosby	NESZ
Aulick	NERG	Caldwell	NSI	Crowninshield	NADF
Avocet	NADP	California	NDF	Culgoa	NDU
Aylwin	NIH	Camden	NAPR	Cummings	NIL
Azales (L. H. T.)	NXU	Canandaigua	NCR	Cumberland	NSZ
B-1	NXH	Canonicus	NCS	Curacao	NAGQ
B-2	NXI	Captain A. M. Wetherill	WYT	Curlew	NIJB
B-3	NXJ	Captain Charles W. Rowell	WYI	Cushing	NIM
Babbitt	NEPX	Captain Gregory Barrett	WYP	Cuyama	NOD
Bacho (C. G. S.)	NLK	Captain James Fornance	WYM	Cyan	NIFV
Badger	NEPT	Captain T. M. Morrison	WYZ	Cygan (C. G. C.)	NICP
Badger, George E.	NUJG	Cardinal	NAFN	Cypress (L. H. T.)	NLM
Bagaduce	NAZP	Carr (C. G. C.)	NEXP	Cyrus W. Field	WXS
Bagley	NVU	Carribasset	NEVQ	D-1	NXP
Bailey	NCF	Case	NUNX	D-2	NXQ
Bainbridge	NUQL	Cassin	NIK	D-3	NXR
Balch	NII	Castine	NDA	Dahlgren	NVZ
Ballard	NIGN	Cayuga	NAFP	Dale	NUND
Baltimore	NCH	Cedar (L. H. T.)	NLW	Dallas	NENM
Bancroft	NAJQ	Celtic	NDB	Davis	NJF
Barry	NUQP	Champlain	NEKQ	Decatur	NUQV
Barker	NUJK	Chandler	NAGL	Delaware	NEK
Barney	NVV	Charles Ausburne	NUPR	De Long	NWB
Bath	NHY	Charles S. Osborne	NABG	Delphy	NEZQ
Beale	NCL	Charleston	NFE	Dent	NEG
Bear (C. G. C.)	NRB			Denver	NEM
Beaufort	NGP			Des Moines	NEN
Beaver	NEQQ			Despatch	NIDF
Belknap	NEZZ			Dickerson	NAFC
Bell	NATG				

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Dix.	WXC	Explorer (C. & G. S.)	NAVM	H-6.	NEFC
Dixie.	NEP	F-2.	NXV	H-7.	NESJ
Dobbin.	NUNR	F-3.	NXW	H-8.	NELN
Dolphin.	NEQ	Fairfax.	NTN	H-9.	NEBV
Dorsey.	NELG	Falcon.	NEKN	Hale.	NACL
Downes.	NIN	Fanning.	NFM	Hamilton.	NIFL
Doyen.	NUJS	Farquhar.	NANZ	Hancock.	NHI
Drayton.	NET	Farragut.	NVS	Hannibal.	NGU
Dreadnaught.	NCX	Favorite.	NAJN	Haraden.	NEZX
Dubuque.	NEU	Fern (L. H. T.)	NAFV	Harbor Tug No. 61.	NUMX
Duncan.	NIR	Finch.	NAJP	Harbor Tug No. 63.	NULD
Dupont.	NWC	Flamingo.	NIJN	Harbor Tug No. 64.	NUMT
Dyer.	NACN	Florida.	NFR	Harbor Tug No. 67.	NULG
E-1.	NXS	Flusser.	NUNF	Harbor Tug No. 68.	NUMR
E-2.	NXT	Foote.	NWF	Harbor Tug No. 74.	NEKP
Eagle 1.	NEJB	Ford.	NUQJ	Harding.	NEMV
Eagle 2.	NEJC	Fortune.	NEGS	Hart.	NENV
Eagle 3.	NEJD	Fox.	NWJ	Hartford.	NGV
Eagle 4.	NEJF	Frederick.	NJS	Hatfield.	NEZV
Eagle 5.	NEJG	Fuller.	NIFG	Hazelwood.	NENS
Eagle 6.	NEJJ	Fulton.	NZD	Heather (L. H. T.)	NAKL
Eagle 7.	NEJK	G-1.	NXY	Helena.	NGY
Eagle 8.	NEJL	G-2.	NXZ	Henderson.	NOH
Eagle 9.	NEJM	G-3.	NYA	Henley.	NHA
Eagle 10.	NEJN	G-4.	NYB	Henry Wilson.	WZS
Eagle 11.	NEJP	Galveston.	NGD	Henshaw.	NUJQ
Eagle 12.	NEJQ	Gamble.	NEZR	Herbert.	NEMJ
Eagle 13.	NEJR	Gannet.	NIJX	Hercules.	NEKR
Eagle 14.	NEJS	Gen. Alava.	NAMG	Herndon.	NENJ
Eagle 15.	NEJT	Gen. A. M. Randal.	WYJ	Heron.	ENL
Eagle 17.	NEJX	Gen. E. O. C. Ord.	WYF	Hibiscus (L. H. T.)	NAKN
Eagle 18.	NEJZ	Gen. George H. Weeks.	WZT	Hogan.	NEXT
Eagle 19.	NEKB	Gen. G. W. Getty.	WYS	Hopewell.	NEXX
Eagle 23.	NEKG	Gen. Harvey Brown.	WYK	Hopkins.	NUQM
Eagle 25.	NEKK	Gen. Henry J. Hunt.	WYD	Housatonic.	NFX
Eagle 26.	NEXF	Gen. Henry Knox.	WYE	Houston.	NGZ
Eagle 27.	NEXG	Gen. J. M. Brannan.	WZV	Hovey.	NEPB
Eagle 28.	NEXM	Gen. John M. Schofield.	WXX	Howard.	NIFM
Eagle 29.	NEXX	Gen. Mifflin.	WZX	Hulbert.	NUKD
Eagle 31.	NEZG	Gen. Nathaniel Greene.	WZR	Hull.	NUQT
Eagle 32.	NEZJ	Gen. R. B. Ayres.	WYL	Humphreys.	NUKX
Eagle 33.	NIBB	Gen. R. H. Jackson.	WYW	Hunt.	NUJF
Eagle 34.	NIBD	Gen. Richard Arnold.	WYY	Huntington.	NWG
Eagle 35.	NIBG	Gen. R. N. Batchelder.	WZW	Huron.	NSX
Eagle 36.	NIBK	Gen. Robt. Anderson.	WYH	Hyacinth (L. H. T.)	NAGV
Eagle 37.	NIBM	Gen. Robt. W. Swartout.	WYU	Idaho.	NHN
Eagle 38.	NIBN	Gen. Royal T. Frank.	WYA	Illinois.	NHO
Eagle 39.	NIBC	Gen. S. B. Holabird.	WYV	Indiana.	NHQ
Eagle 40.	NIBF	Gen. S. M. Mills.	WYB	Ingraham.	NENX
Eagle 41.	NIBJ	Gen. Timothy Pickering.	WZQ	Ingram, Osmond.	NIGF
Eagle 42.	NIBL	Gen. Wm. M. Graham.	WEY	Intrepid.	NFY
Eagle 43.	NIBP	Georgia.	NGF	Iowa.	NHT
Eagle 44.	NIBQ	Gillis.	NERR	Iris (L. H. T.)	NALL
Eagle 45.	NIBR	Great Northern.	NERB	Iroquois.	NHNV
Eagle 46.	NIBS	Gilmer.	NGH	Isherwood.	NUNV
Eagle 47.	NIBT	Glacier.	NUQF	Israel.	NENG
Eagle 48.	NIBV	Goff.	NGJ	Itasca (C. G. C.)	NRI
Eagle 49.	NIBX	Goldsborough.	NAGJ	Iuka.	NEVR
Eagle 50.	NIBZ	Gorgona.	NAGJ	Ivy (L. H. T.)	NAKV
Eagle 51.	NICB	Graham.	NAGJ	Jacob Jones.	NEPZ
Eagle 52.	NICC	Great Northern.	WIR	Jarvis.	NIB
Eagle 53.	NICD	Grebe.	NIKX	Jason.	NNB
Eagle 54.	NICF	Greene.	NIGM	Jenkins.	NID
Eagle 55.	NICG	Greer.	NERT	J. Fred Talbott.	NIGR
Eagle 56.	NICJ	Gregory.	NAJR	Johanson (C. G. C.)	NIQP
Eagle 57.	NICK	Gresham (C. G. C.)	NRG	John D. Edwards.	NUPC
Eagle 58.	NICL	Gridley.	NEMX	John Frances Burnes.	NIGQ
Eagle 59.	NICM	Gulfport.	NHS	Joseph Henry.	WXT
Eagle 60.	NICN	Gwin.	WUAD	Jouett.	NIE
Earp (C. G. C.)	NEKF	Gwalla.	NAGX	K-1.	NYF
Edsall.	NUPM	Gypsum Prince.	WUAC	K-2.	NYG
Edwards.	NIGL	Gypsum Queen.	NAKC	K-3.	NYH
Eider.	KOKJ	H-1.	NYC	K-4.	NYI
Eider.	NIKR	H-2.	NYD	K-5.	NYJ
El Cano.	NFD	H-3.	NYE	K-6.	NYK
Elliot.	NERV	H-4.	NEQM	K-7.	NYL
Ellis.	NIFD	H-5.	NETG	K-8.	NYM
Ericsson.	NIS			Kalk.	NIGD
Evans.	NEMS			Kalmia.	NAZS

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Kanawha.....	NND	Major Guy Howard....	WZY	Natoma.....	NUGG
Kane.....	NULM	Major Samuel Ringgold	WYC	Narragansett.....	NAMN
Kankakee (C. G. C.)	NUMZ	Mallard.....	NIKB	Navajo.....	NKZ
Kansas.....	NIO	Mangrove (L. H. T.)	NANV	Navesink.....	WXU
Kaweah.....	NUGK	Manhattan (C. G. C.)	NEKZ	Nebraska.....	NMA
Kearsarge.....	NIP	Manley.....	NSH	Neches.....	NIFP
Kennedy.....	NAZM	Manning (C. G. C.)	NRN	Neptune.....	NMS
Kennison.....	NEQX	Mansfield.....	NUMV	Nereus.....	NNF
Kentucky.....	NIQ	Manzanita (L. H. T.)	NLU	Nero.....	NEDX
Keosauqua.....	NEXC	Maple (L. H. T.)	NAPV	Nevada.....	NCA
Kewaydin.....	NAXN	Marblehead.....	NGK	New Hampshire.....	NME
Kidder.....	NUJX	Marcus.....	NUMG	New Jersey.....	NMF
Kilkenny.....	KKI	Marigold (L. H. T.)	NAQV	New Mexico.....	NQW
Kilpatrick.....	WXD	Mars.....	NJR	New Orleans.....	NMG
Kilty.....	NAKX	Maryland.....	NARC	Newport.....	NMH
Kimberly.....	NADL	Mason.....	NAGG	Newport News.....	NHZ
King.....	NULP	Massachusetts.....	NJT	New York.....	NCC
Kingfisher.....	NALP	Mattole.....	NUGM	Niagara.....	NABC
Kittery.....	NHW	Maumee.....	NNE	Nicholas.....	NUNZ
Klingelhoefer (C. G. C.)	NISG	Maury.....	NEPG	Nicholson.....	NIU
Knudsen (C. G. C.)	NEXL	Mayflower (L. H. T.)	NZQ	Nitro.....	NELL
Koka.....	NETZ	Mayflower (President's yacht).....	NJV	Noa.....	NUKF
Kukui (L. H. T.)	NLF	Mayrant.....	NJU	Nopatin.....	NAMQ
L-1.....	NYN	McCall.....	NJW	North Carolina.....	NISK
L-2.....	NYO	McCalla.....	NIGC	North Dakota.....	NMO
L-3.....	NYP	McCawley.....	NULS	Northern Pacific.....	WIM
L-4.....	NYQ	McCook.....	NIGB	• 1.....	NEJX
L-5.....	NYR	McCormick.....	NUPZ	• 2.....	NETJ
L-6.....	NYS	McDermut.....	NIGG	• 3.....	NAMR
L-7.....	NYT	McDougal.....	NIT	• 4.....	NAMX
L-8.....	NYU	McFarland.....	NETB	• 5.....	NAMZ
L-9.....	NYV	McGourty (C. G. C.)	NEJV	• 6.....	NANB
L-10.....	NYW	McKean.....	NETM	• 7.....	NANC
L-11.....	NYX	McKee.....	NACQ	• 8.....	NAND
Lamberton.....	NAZL	McLanahan.....	NGK	• 9.....	NAGB
Lamson.....	NUNC	Meade.....	NEBJ	• 10.....	NAXT
Langley.....	NNC	Medusa.....	NEMC	• 11.....	NETK
Lansdale.....	NERL	Mehalatos (C. G. C.)	NIDL	• 12.....	NETL
Lapwing.....	NALC	Melville.....	NKA	• 13.....	NEZN
Laramie.....	NUGL	Mercy.....	NKK	• 14.....	NEVD
Lardner.....	NUPF	Meredith.....	NETS	• 15.....	NAXS
Lark.....	NIJK	Merritt.....	WXI	• 16.....	NASM
Larkspur (L. H. T.)	NAMB	Mervine.....	NUMJ	O'Bannon.....	NEXS
Larson (C. G. C.)	NIKX	Meyer.....	NUJR	O'Brien.....	NIV
Laub.....	NIGJ	Mexican.....	NAMC	Ohio.....	NMW
Laurel (L. H. T.)	NALV	Michigan.....	NJZ	Oil Barge No. 9.....	NEQL
La Vallette.....	NUJT	Minneapolis.....	NGB	Oklahoma.....	NCB
Lawrence.....	NUQQ	Minneapolis.....	NKD	Olympia.....	NGG
Lea.....	NETF	Mississippi.....	NKE	Onondaga (C. G. C.)	NRO
Leary.....	NAFL	Missoula.....	NKM	Ontario.....	NTA
Lebanon.....	NIZ	Missouri.....	NKF	Orchid (L. H. T.)	NLT
Leonidas.....	NNH	Mohave.....	NTO	Oregon.....	NMZ
Lexington.....	NEDB	Mohawk.....	NUFB	Oriole.....	NEVM
Lieut. Geo. M. Harris	WYR	Mohican.....	NZA	Orion.....	NOC
Lilac (L. H. T.)	NUCF	Monadnock.....	NHD	Ortolan.....	NIKC
Liscum.....	WXE	Monaghan.....	NKL	Osborne.....	NUQC
Litchfield.....	NUMM	Monocacy.....	NQQ	Osceola.....	NOA
Little.....	NRT	Montana.....	NISJ	Ossprey.....	NIJL
Logan.....	WXF	Monteal.....	NEQF	Ossipee.....	NRJ
Long, J. D.	NEPD	Monterey.....	NKN	Overton.....	NUJN
Long Beach.....	NEFZ	Montgomery.....	NAXJ	Oveson (C. G. C.)	NIZD
Louisiana.....	NJB	Moody.....	NULT	Owl.....	NACS
Luce.....	NEGD	Morrill (C. G. C.)	NZF	Ozark.....	NHH
Ludlow.....	NENZ	Morris.....	NWS	Ozette.....	NEDN
Lydonia.....	NDR	Mount Vernon.....	WUAA	Paducah.....	NOG
Lykens.....	NALK	Mugford.....	NEXR	Palmer.....	NECV
M-1.....	NYY	Mullan.....	NUML	Palos.....	NQS
MacDonough.....	NUQR	Murray.....	NAXK	Pamlico (C. G. C.)	NRR
Machias.....	NQL	N-1.....	NZE	Pampanga.....	NQT
Mackenzie.....	NEVX	N-2.....	NZF	Panther.....	NOJ
Mackinac (C. G. C.)	NUGD	N-3.....	NZG	Parker.....	NIX
MacLeish.....	NUPT	N-4.....	NZH	Parrott.....	NUPD
Maddox.....	NETX	N-5.....	NZI	Partridge.....	NIJG
Madrona (L. H. T.)	NAMV	N-6.....	NZJ	Patapsco.....	NOL
Magnolia (L. H. T.)	NAPS	N-7.....	NZK	Pathfinder (C. & G. S.)	NLJ
Mahan.....	NEQK	Nanshan.....	NNK	Patoka.....	NUGN
Mahopac.....	NETD	Nantucket.....	NFU	Patterson.....	NOK
Maine.....	NJL	Nansesmond.....	NITL	Patuxent.....	NOM
Major Albert G. Forse	WYQ	Napa.....	NEVC	Paulding.....	NON
Major Evan Thomas.....	WYO			Paulding, James K.....	NUJM

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Paul Hamilton.....	NAQN	Rappahannock.....	NJO	Saint Louis.....	NTF
Paul Jones.....	NUQN	Rathburne.....	NACR	Salem.....	NTP
Pawnee.....	NUH	Raven.....	NIKZ	Salinas.....	NUGR
Pawtucket.....	NUJ	Redwing.....	NIKG	Samar.....	NLX
Peacock.....	NIKD	Reid.....	NUNK	Samoa.....	NABR
Peary.....	NIFQ	Relief No. 1 (hospital ship).....	NEPQ	Samoset.....	NUU
Pecos.....	NEFK	Reno.....	NAMD	Sampson.....	NKS
Pelican.....	NECT	Reno.....	WYN	Sanderling.....	NIJS
Penguin.....	NCE	Renshaw.....	NEVZ	Sandpiper.....	NIKK
Pennsylvania.....	NOE	Reuben James.....	NUNT	Sands.....	NULQ
Penobscot.....	NGN	Rhode Island.....	NTX	San Francisco.....	NTQ
Pensacola.....	NUL	Richards.....	NIDG	San Pedro.....	WZZ
Pentucket.....	NUL	Ringgold.....	NALT	Santa Leonora.....	KIML
Peoria.....	NOW	Rizal.....	NEVV	Sapelo.....	NUGS
Pequot (C. G. C.).....	NUPJ	Roanoke.....	NHU	Sara Thompson.....	NEMD
Perry.....	NUQS	Robert L. Barnes.....	NAZZ	Saratoga.....	NELB
Percival.....	NIFJ	Robin.....	NANQ	Satterlee.....	NAGC
Perkins.....	NOX	Robinson.....	NAJX	Saturn.....	NNM
Petrel.....	NOZ	Rochester.....	NTR	Savannah.....	NGS
Philip.....	NEDG	Rocket.....	NUT	Scally (C. G. C.).....	NEKC
Pigeon.....	NIKF	Rodgers.....	NWT	Schenck.....	NEMG
Pillsbury.....	NUQG	Roe.....	NTZ	Schley.....	NKT
Pinola.....	NEVL	Roper.....	NERX	Sciota.....	NEVK
Piscataqua.....	NAQC	Rose (L. H. T.).....	NASD	Scorpion.....	NTT
Pittsburgh.....	NOT	Rowan.....	NKR	Seagull.....	NIJM
Plattsburg.....	NANJ	S-1.....	NIMG	Seattle.....	NAPG
Pompey.....	NQF	S-2.....	NIMJ	Sebago.....	NUV
Pope.....	NUQB	S-3.....	NIMK	Selfridge.....	NUJZ
Porter.....	NOO	S-4.....	NIML	Seminole (C. G. C.).....	NRS
Potomac.....	NQK	S-5.....	NIMM	Semmes.....	NAFZ
Prairie.....	NQNM	S-6.....	NIMN	Seneca (C. G. C.).....	NRE
Preble.....	NUNG	S-7.....	NIMP	Sepulga.....	NUGT
Preston.....	NUNJ	S-8.....	NIMQ	Sequoia (L. H. T.).....	NLV
Prometheus.....	NQR	S-9.....	NIMR	Sharkey.....	NULV
Proteus.....	NNG	S-10.....	NIMS	Shaw.....	NML
Pruitt.....	NUPV	NDN.....	NIMT	Shawmut.....	WXX
Pueblo.....	NUPG	S-11.....	NIMV	Sheridan.....	NUJV
Putnam.....	NELK	S-12.....	NIMX	Shirk.....	NWU
Pyro.....	NILF	S-13.....	NIMZ	Shubrick.....	WFY
Quail.....	NIKQ	S-14.....	NINB	Siala.....	NUPL
Quigley (C. G. C.).....	NIDB	S-15.....	NINC	Sicard.....	NAJB
Quincy.....	NGQ	S-16.....	NIND	Sigourney.....	NUPX
Quiros.....	NQZ	S-17.....	NINF	Simpson.....	NULR
R-1.....	NILC	S-18.....	NING	Sinclair.....	NUMD
R-2.....	NILD	S-19.....	NINJ	Sloat.....	WWY
R-3.....	NILF	S-20.....	NINK	Slocum.....	NIXG
R-4.....	NILG	S-21.....	NINL	Smith.....	NUKB
R-5.....	NILJ	S-22.....	NINM	Smith, Robert.....	NRF
R-6.....	NILK	S-23.....	NINN	Snohomish (C. G. C.).....	NST
R-7.....	NILL	S-24.....	NINP	Solace.....	NWV
R-8.....	NILM	S-25.....	NINQ	Somers.....	NTG
R-9.....	NILN	S-26.....	NINR	Sonoma.....	NECZ
R-10.....	NILP	S-27.....	NINS	Sotomomo.....	NAJK
R-11.....	NILQ	S-28.....	NINT	Southard.....	KEXQ
R-12.....	NILR	S-29.....	NINV	South Bend.....	NSW
R-13.....	NILS	S-30.....	NINX	South Carolina.....	NISG
R-14.....	NILT	S-31.....	NINZ	South Dakota.....	NUBB
R-15.....	NASV	S-32.....	NIPB	S. P. 43 (Daraga).....	NUBK
R-16.....	NASX	S-33.....	NIPC	S. P. 54 (Patrol No. 6).....	S. P. 156 (Winchester).....
R-17.....	NAFX	S-34.....	NIPD	S. P. 164 (May).....	NALQ
R-18.....	NEGC	S-35.....	NIPF	S. P. 179 (Privateer).....	NUDF
R-19.....	NEGK	S-36.....	NIPG	S. P. 181 (Helori).....	NEFS
R-20.....	NARZ	S-37.....	NIPJ	S. P. 185 (Clarinda).....	NUFZ
R-21.....	NILV	S-38.....	NIPK	S. P. 214 (Edithia).....	NUCX
R-22.....	NILX	S-39.....	NIPL	S. P. 249 (Hauoli).....	NUCZ
R-23.....	NILZ	S-40.....	NIPM	S. P. 265 (Pocomoke).....	NUCT
R-24.....	NIMB	S-41.....	NIPN	S. P. 399 (Legonia).....	NUFG
R-25.....	NIMC	S-42.....	NIPP	S. P. 415 (Kemah).....	NAKQ
R-26.....	NIMD	S-43.....	NIPQ	S. P. 493 (Cahill).....	NDV
R-27.....	NIMF	S-44.....	NIPR	S. P. 521 (Isabel).....	NHF
Radford.....	NEXB	S-45.....	NIPS	S. P. 522 (Chas. Mann).....	NUBT
Rail.....	NAQJ	S-46.....	NIPT	S. P. 524 (Margaret).....	NQP
Rainbow.....	NFZ	S-47.....	NIPV	S. P. 573 (Easthampton).....	NUCG
Raleigh.....	NTE	S-48.....	NIPX	S. P. 609 (Nokomis).....	NAMM
Ramapo.....	NUGP	S-49.....	NIPZ	S. P. 642 (Felicia).....	NUCS
Ramsay.....	NIFC	S-50.....	NIQK	S. P. 680 (Ardent).....	NUCR
Ranger.....	NELF	S-51.....	NQV		
Ranger (C. & G. S.).....	NUDG	Sacramento.....	NAAN		
Rapidan.....	NUGQ	Sagamore.....			

RADIO STATIONS OF THE UNITED STATES.

81

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
S. P. 681 (Breakwater)	NUMS	Sub. chaser No. 73	NODX	Sub. chaser No. 220	NOPB
S. P. 707 (Endion)	NUDR	Sub. chaser No. 74	NODZ	Sub. chaser No. 221	NOPC
S. P. 714 (Galatea)	NKPF	Sub. chaser No. 77	NOFB	Sub. chaser No. 222	NOPD
S. P. 724 (Fearless)	NEKM	Sub. chaser No. 91	NOFT	Sub. chaser No. 223	NOPF
S. P. 726 (Orca)	NUBS	Sub. chaser No. 93	NOFX	Sub. chaser No. 224	NOPG
S. P. 765 (Adelante)	NUCK	Sub. chaser No. 95	NOGB	Sub. chaser No. 225	NOPJ
S. P. 813 (Corona)	NNQ	Sub. chaser No. 96	NOGC	Sub. chaser No. 226	NOPK
S. P. 838 (Lawrence, John L.)	NUFL	Sub. chaser No. 97	NOGD	Sub. chaser No. 228	NOPM
S. P. 909 (Eagle)	NUBC	Sub. chaser No. 98	NOGF	Sub. chaser No. 229	NOPN
S. P. 951 (Utonawah)	NJF	Sub. chaser No. 100	NOGJ	Sub. chaser No. 230	NOPP
S. P. 1014 (Sea Rover)	NEX	Sub. chaser No. 101	NOGK	Sub. chaser No. 231	NOPQ
S. P. 1015 (Challenge)	NEKS	Sub. chaser No. 102	NOGL	Sub. chaser No. 232	NOPR
S. P. 1116 (Genesee)	NKG	Sub. chaser No. 103	NOGM	Sub. chaser No. 235	NOPV
S. P. 1121 (Osborne)	NESN	Sub. chaser No. 104	NOGN	Sub. chaser No. 236	NOPX
S. P. 1128 (Conestoga)	NAGP	Sub. chaser No. 105	NOGP	Sub. chaser No. 237	NOPZ
S. P. 1149 (Barnett)	NUNF	Sub. chaser No. 106	NOGQ	Sub. chaser No. 238	NOQB
S. P. 1161 (Francis B. Hackett)	NTD	Sub. chaser No. 107	NOGR	Sub. chaser No. 239	NOQC
S. P. 1213 (Montauk)	NARN	Sub. chaser No. 109	NOGT	Sub. chaser No. 240	NOQD
S. P. 1232 (Barneget)	NADQ	Sub. chaser No. 110	NOGV	Sub. chaser No. 241	NOQF
S. P. 1234 (Cigarette)	NUCJ	Sub. chaser No. 111	NOGX	Sub. chaser No. 242	NOQQ
S. P. 1250 (Nahant)	NQEF	Sub. chaser No. 116	NOJF	Sub. chaser No. 244	NOQJ
S. P. 2047 (Moosehead)	NAQM	Sub. chaser No. 117	NOJG	Sub. chaser No. 245	NOQK
S. P. 2225 (Navigator)	NECD	Sub. chaser No. 118	NOJJ	Sub. chaser No. 246	NOQL
S. P. 2373 (Herringhof Hull No. 322)	NUDK	Sub. chaser No. 119	NOJK	Sub. chaser No. 247	NOQM
S. P. 3218 (Resolute)	NUBG	Sub. chaser No. 120	NOJL	Sub. chaser No. 248	NOQN
S. P. 3297 (Winthrop)	NUBR	Sub. chaser No. 121	NOJM	Sub. chaser No. 250	NOQP
S. P. Lee	NESB	Sub. chaser No. 123	NOJP	Sub. chaser No. 251	NOQQ
Spring Carroll	WZU	Sub. chaser No. 126	NOJS	Sub. chaser No. 252	NOQB
Sproston	NEVT	Sub. chaser No. 128	NOJV	Sub. chaser No. 253	NOQS
Stansbury	NEXV	Sub. chaser No. 129	NOJX	Sub. chaser No. 254	NOQT
Stellenwerf (C. G. C.)	NIDC	Sub. chaser No. 133	NOKD	Sub. chaser No. 255	NOQV
Sterrett	NTB	Sub. chaser No. 134	NOKF	Sub. chaser No. 257	NOQZ
Stevens	NAPK	Sub. chaser No. 135	NOKG	Sub. chaser No. 258	NORB
Stewart	NUNN	Sub. chaser No. 136	NOKJ	Sub. chaser No. 259	NORD
Stockton	NEO	Sub. chaser No. 143	NOKN	Sub. chaser No. 260	NORG
Stoddert	NALZ	Sub. chaser No. 144	NOKP	Sub. chaser No. 262	NORJ
Stribling	NAVS	Sub. chaser No. 145	NOKQ	Sub. chaser No. 263	NORK
Stringham	NACP	Sub. chaser No. 147	NOKR	Sub. chaser No. 264	NORL
Sturtevant	NUJP	Sub. chaser No. 148	NOKS	Sub. chaser No. 265	NORM
Sub. chaser No. 17	NOBJ	Sub. chaser No. 154	NOLC	Sub. chaser No. 266	NORP
Sub. chaser No. 19	NOBL	Sub. chaser No. 156	NOLF	Sub. chaser No. 268	NORQ
Sub. chaser No. 21	NOBN	Sub. chaser No. 158	NOLJ	Sub. chaser No. 269	NORR
Sub. chaser No. 23	NOBQ	Sub. chaser No. 159	NOLK	Sub. chaser No. 270	NORS
Sub. chaser No. 24	NOBR	Sub. chaser No. 164	NOLL	Sub. chaser No. 271	NORT
Sub. chaser No. 25	NOBS	Sub. chaser No. 165	NOLM	Sub. chaser No. 272	NORV
Sub. chaser No. 26	NOBT	Sub. chaser No. 166	NOLN	Sub. chaser No. 273	NOSC
Sub. chaser No. 35	NOBZ	Sub. chaser No. 167	NOLP	Sub. chaser No. 277	NOSD
Sub. chaser No. 36	NOCB	Sub. chaser No. 168	NOLQ	Sub. chaser No. 278	NOSK
Sub. chaser No. 37	NOCC	Sub. chaser No. 177	NOLR	Sub. chaser No. 282	NOSL
Sub. chaser No. 40	NOCG	Sub. chaser No. 178	NOLS	Sub. chaser No. 283	NOSM
Sub. chaser No. 42	NOCK	Sub. chaser No. 180	NOLV	Sub. chaser No. 287	NOSQ
Sub. chaser No. 43	NOCL	Sub. chaser No. 181	NOLX	Sub. chaser No. 288	NOSR
Sub. chaser No. 44	NOCM	Sub. chaser No. 182	NOLZ	Sub. chaser No. 289	NOSSS
Sub. chaser No. 45	NOCN	Sub. chaser No. 184	NOMC	Sub. chaser No. 291	NOSV
Sub. chaser No. 46	NOCP	Sub. chaser No. 185	NOMD	Sub. chaser No. 294	NOTB
Sub. chaser No. 47	NOCO	Sub. chaser No. 186	NOMF	Sub. chaser No. 295	NOTC
Sub. chaser No. 48	NOCR	Sub. chaser No. 187	NOMG	Sub. chaser No. 296	NOTD
Sub. chaser No. 49	NOCS	Sub. chaser No. 188	NOMJ	Sub. chaser No. 298	NOTG
Sub. chaser No. 50	NOCT	Sub. chaser No. 190	NOML	Sub. chaser No. 299	NOTJ
Sub. chaser No. 51	NOCV	Sub. chaser No. 191	NOMM	Sub. chaser No. 301	NOTL
Sub. chaser No. 52	NOCX	Sub. chaser No. 192	NOMN	Sub. chaser No. 303	NOTN
Sub. chaser No. 53	NOCZ	Sub. chaser No. 193	NOMP	Sub. chaser No. 304	NOTP
Sub. chaser No. 54	NODB	Sub. chaser No. 194	NOMQ	Sub. chaser No. 305	NOTQ
Sub. chaser No. 55	NODC	Sub. chaser No. 195	NOMR	Sub. chaser No. 306	NOTR
Sub. chaser No. 56	NODD	Sub. chaser No. 196	NOMS	Sub. chaser No. 307	NOTS
Sub. chaser No. 57	NODF	Sub. chaser No. 206	NONJ	Sub. chaser No. 308	NOTT
Sub. chaser No. 62	NODM	Sub. chaser No. 208	NONL	Sub. chaser No. 309	NOTV
Sub. chaser No. 63	NODN	Sub. chaser No. 210	NONN	Sub. chaser No. 310	NOTX
Sub. chaser No. 64	NODP	Sub. chaser No. 211	NONP	Sub. chaser No. 320	NOVC
Sub. chaser No. 68	NODQ	Sub. chaser No. 212	NONQ	Sub. chaser No. 322	NOVF
Sub. chaser No. 69	NODR	Sub. chaser No. 213	NONR	Sub. chaser No. 323	NOVG
Sub. chaser No. 70	NODS	Sub. chaser No. 214	NONS	Sub. chaser No. 326	NOVL
Sub. chaser No. 71	NODT	Sub. chaser No. 215	NONT	Sub. chaser No. 328	NOVN
Sub. chaser No. 72	NODV	Sub. chaser No. 216	NONV	Sub. chaser No. 329	NOVP
		Sub. chaser No. 217	NONX	Sub. chaser No. 330	NOVQ
		Sub. chaser No. 218	NONZ	Sub. chaser No. 331	NOVR

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Sub. chaser No. 332	NOVS	Terry	NUI	Vixen	NSU
Sub. chaser No. 336	NOVZ	Texas	NCD	Vulcan	NVT
Sub. chaser No. 338	NOXC	Thatcher	NESV	Wadsworth	NKW
Sub. chaser No. 339	NOXD	Thomas	NIFN	W. A. Edwards	NDT
Sub. chaser No. 340	NOXF	Thomas	WXM	Wahmeta	NVI
Sub. chaser No. 341	NOXG	Thompson	NAZC	Wainwright	NKX
Sub. chaser No. 351	NOXQ	Thompson, Smith	NUJJ	Walke	NWL
Sub. chaser No. 352	NOXR	Thornton	NWX	Walker	NESX
Sub. chaser No. 353	NOXS	Thrush	NIKS	Wandank	NARF
Sub. chaser No. 354	NOXT	Tillman	NEQT	Warbler	NIKM
Sub. chaser No. 356	NOXX	Tingard	NISB	Ward	NAGS
Sub. chaser No. 408	NOZC	Tingeay	NWY	Warren	WXN
Sub. chaser No. 409	NOZD	Tipppecanoe	NUGV	Warrington	NWD
Sub. chaser No. 412	NOZJ	Tonopah	NUN	Washington	NWE
Sub. chaser No. 413	NOZK	Topeka	NLY	Wasmuth	NUKC
Sub. chaser No. 416	NOZN	Torpedo Test Barge	NIFR	Waters	NATT
Sub. chaser No. 419	NOZR	No. 1.	NIFS	Welborn C. Wood	NULJ
Sub. chaser No. 421	NOZT	Torpedo Test Barge	NIFS	Welles	NAJZ
Sub. chaser No. 422	NOZV	No. 2.	NIFX	Wenonah (C. & G. S.)	NJJ
Sub. chaser No. 423	NOZX	Torpedo Test Barge	NIFX	West Virginia	NEDJ
Sub. chaser No. 424	NOZZ	No. 3.	NIFZ	Wheeling	NWH
Sub. chaser No. 425	NIQB	Torpedo Test Barge	NIFZ	Whipple	NUNL
Sub. chaser No. 426	NIQC	No. 4.	NULX	Whippoorwill	NIJQ
Sub. chaser No. 427	NIQD	Toucey	NUJL	Wickes	NATJ
Sub. chaser No. 428	NIQF	Tracy	NVA	Widgeon	NAQF
Sub. chaser No. 429	NIQG	Traffic	NUMP	Wilhelmina	NDE
Sub. chaser No. 430	NIQJ	Trever	NUGX	Wilkes	NKQ
Sub. chaser No. 432	NIQL	Trinity	NUQ	Willett	NIKN
Sub. chaser No. 433	NIQT	Trippie	NUQK	William B. Preston	NUMQ
Sub. chaser No. 440	NIQV	Truxton	NVC	William Jones	NARR
Sub. chaser No. 441	NIQX	Triton	NKV	Williams	NENT
Sub. chaser No. 443	NIRB	Tucker	NXX	Williamson	NUNS
Sub. chaser No. 444	NIRC	Tulip (L. H. T.)	NIJF	Willoughby	NJX
Sumac (L. H. T.)	NASG	Turkey	NERQ	Wilmaington	NWK
Sunflower (L. H. T.)	NUFM	Turner	NRL	Winslow	NJA
Sunnadin	NEVB	Tuscarora (C. G. C.)	NEPV	Wisconsin	NWM
Supply	NTK	Twiggs	NEVG	W. J. Courtney	NCJ
Surveyor (C. & G. S.)	NQU	U-111	NEVK	Wolverine	NGW
Swallow	NEFL	U-117	NEKX	Wompatuck	NVJ
Swan	NIJP	U-148	NERD	Wood	NUMF
Swasey	NIGP	U-B-88	NESD	Woodbury	NATM
Sylph	NTL	U-C-97	NEQP	Woodcock	NIKP
Sylvia	NARQ	Umpqua	NATS	Wooley	NATF
Tacoma	NUA	Uadilla	NEFT	Worden	NUNM
Tacony	WUAE	Unalga (C. G. C.)	NRX	Wyoming	NWQ
Tadoussac	NAZQ	Uncas	NVF	Yacona	NJM
Talbot	NAPL	Undaunted	NNX	Yamacraw (C. G. C.)	NRY
Tallahassee	NUC	United States	NUNQ	Yankton	NSK
Tallapoosa (C. G. C.)	NRV	Upshur	NERS	Yarborough	NUMC
Tanager	NABS	Upshur, Abel P.	NUJD	Yarnall	NIGS
Tarbell	NEZP	Utah	NVE	Yocona (C. G. C.)	NUNB
Tatnuck	NETQ	Vermont	NVK	Yorktown	NQX
Tattmall	NEPS	Vestal	NMC	Young	NESG
Taylor (C. G. C.)	NTB	Vesuvius	NUBM	Zane	NUMN
Taylor	NALR	Vicksburg	NVN	Zelien	NUMB
Teal	NAPN	Villalobos	NVP	Zizania (L. H. T.)	NZZ
Tennessee	NSE	Vireo	NIKL		
Term	NIKT	Virginia	NVR		

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS.

Call.	Station.		Call.	Station.	
KEXQ	South Bend.....	b	NCN	Birmingham.....	b
KGU	Kanakanak, Alaska.....	c	NCR	Canandaigua.....	b
KHI	Isabela de Basilan, P. I.....	c	NCS	Canonicus.....	b
KIKN	Antigone.....	b	NCU	Buffalo.....	b
KIML	Santa Leonora.....	b	NCV	Burrows.....	b
KKI	Kilkenny.....	b	NCX	Dreadnaught.....	b
KOKJ	Eider.....	b	NCY	Caesar.....	b
KPE	Seattle, Wash.....	c	NCZ	Virginia Beach, Va.; Smith Island, Va.; Cape Henry, Va.; Hog Island, Va.....	c
KUVM	Iloilo, P. I.....	c	NDA	Castine.....	b
KUVS	New York, N. Y.....	c	NDB	Celtic.....	b
KUXG	Malangas, P. I.....	c	NDD	Sayville, N. Y.....	c
KUXJ	Cebu, P. I.....	c	NDE	Wilhelmina.....	b
KUXK	Batangas, P. I.....	c	NDF	California.....	b
NAA	Washington, D. C., Navy Department; Radio, Va. (Arlington).....	c	NDG	Chester.....	b
NAB	Portland, Me.....	c	NDH	Castine.....	b
NAC	Portsmouth, N. H.....	c	NDI	Cheyenne.....	b
NAD	Fourth Cliff, Mass.; Deer Island, Mass.; Boston, Mass.; Gloucester, Mass. (Navy Yard).....	c	NDJ	Chicago.....	b
NAE	Cape Cod, Mass.....	c	NDL	Gorgona.....	b
NAF	Coasters Harbor Island, Newport, R. I.; Watch Hill, R. I.; Newport, R. I.; and Price's Neck, R. I.....	c	NDM	Ecorse, Mich.....	c
NAH	Brooklyn Navy Yard; 44 Whitehall St.; Fire Island, L. I.; Montauk Point, L. I.; Mantoloking, N. J.; New York City, N. Y.; Rockaway Beach, N. Y.; Sandy Hook, N. J.; Sea Gate, N. Y.....	c	NDN	Cleveland.....	b
NAI	Philadelphia, Pa.....	c	NDP	Pueblo.....	b
NAJ	Great Lakes, Ill.....	c	NDQ	Comfort.....	b
NAK	Naval Academy, Md.....	c	NDR	Connecticut.....	b
NAL	Washington, D. C. (Navy Yard).....	c	NDT	Lydonia.....	b
NAM	Norfolk, Va.; Hampton Roads, Va.....	c	NDU	W. A. Edwards.....	b
NAN	Beaufort, N. C.; Cape Lookout, N. C.....	c	NDV	Culgoa.....	b
NAO	Charleston, S. C.; Morris Island, S. C.....	c	NDW	S. P. 493 (Cahill).....	b
NAP	St. Augustine, Fla.....	c	NEK	Cape Hatteras, N. C.....	c
NAQ	Jupiter, Fla.....	c	NEM	Delaware.....	b
NAR	Key West, Fla.....	c	NEN	Denver.....	b
NAS	Pensacola, Fla.....	c	NEO	Des Moines.....	b
NAT	New Orleans, La.....	c	NEP	Stockton.....	b
NAU	San Juan, P. R.....	c	NEQ	Dixie.....	b
NAV	Port Royal, S. C.....	c	NET	Dolphin.....	b
NAW	Guantanamo Bay, Cuba.....	c	NEU	Drayton.....	b
NAX	Colon, C. Z.....	c	NEV	Dubuque.....	b
NAY	Point Isabel, Tex.....	c	NEX	Savannah, Ga.....	c
NAZ	Managua, Nicaragua.....	c	NEY	S. P. 1014 (Sea Rover).....	b
NBA	Balboa, C. Z.; Darien, C. Z.....	b	NFA	Old Constellation.....	b
NBB	St. Thomas, V. I.....	b	NFD	Brooklyn.....	b
NBD	Bar Harbor, Me. (Otter Cliffs).....	c	NFE	El Cano.....	b
NBG	Indian Head, Md.....	c	NFH	Charleston.....	b
NBI	Alabama.....	b	NFI	Smith Island, Wash.....	c
NBJ	Albany.....	b	NFL	Jacksonville, Fla.....	c
NBL	Alert.....	b	NFM	Cross Island, Me.....	c
NBP	Armen.....	b	NFN	Fanning.....	b
NBR	Annapolis.....	b	NFQ	Cattle Point, Wash.....	c
NBS	Siasconsett, Mass.; Nantucket Island, Mass.....	c	NFR	Damiscove Island, Me.....	c
NBU	Arethusa.....	b	NFT	Florida.....	b
NBV	Arkansas.....	b	NFU	New Dungeness, Wash.; Port Angeles Wash.....	c
NBW	Arizona.....	b	NFX	Nantucket.....	b
NBX	Burwood, La. (Pass a Loutre, La).....	c	NFY	Housatonic.....	b
NBZ	Baltimore, Md.....	c	NFZ	Intrepid.....	b
NCA	Nevada.....	b	NGA	Rainbow.....	b
NCB	Oklahoma.....	b	NGB	Columbia.....	b
NCC	New York.....	b	NGC	Minneapolis.....	b
NCD	Texas.....	b	NGD	Boston.....	b
NCE	Pennsylvania.....	b	NGE	Galveston.....	b
NCF	Bailey.....	b	NGF	Miami, Fla.....	b
NCH	Baltimore.....	b	NGG	Georgia.....	b
NCJ	W. J. Courtney.....	b	NGH	Olympia.....	b
NCL	Beale.....	b	NGI	Glacier.....	b
			NGJ	Chattanooga.....	b
			NGK	Goldsborough.....	b
			NGL	Marblehead.....	b
			NGM	Tampa, Fla.....	c
			NGN	Astoria.....	b
			NGO	Pensacola.....	c
			NGP	S. B. London.....	b
			NGQ	Beaufort.....	b
				Quincy.....	b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call.	Station.	Call.	Station.		
NGR	Bridgeport.....	b	NKU	Shaw.....	b
NGS	Savannah.....	b	NKV	Tucker.....	b
NGT	Mobile, Ala.....	c	NKW	Wadsworth.....	b
NGU	Hannibal.....	b	NKX	Wainwright.....	b
NGV	Hartford.....	b	NKZ	Navajo.....	b
NGW	Wolverine.....	b	NLA	Light Vessel No. 85, Nantucket Shoals.	c
NGY	Helena.....	b	NLC	Light Vessel No. 94, Frying Pan	c
NGZ	Houston.....	b		Shoals.....	c
NHA	Henley.....	b	NLD	Bird Island, Calif.....	c
NHD	Monadnock.....	b	NLF	Kukui.....	b
NHF	Isabel.....	b	NLG	Point Reyes, Calif.....	c
NHH	Ozark.....	b	NLH	Point Montara, Calif.....	c
NHI	Hancock.....	b	NLI	Grand Island, La.....	c
NHL	Westport, Wash.....	c	NLJ	Pathfinder.....	b
NHN	Idaho.....	b	NLK	Bache.....	b
NHO	Illinois.....	b	NLL	Columbine.....	b
NHQ	Indiana.....	b	NLM	Cypress.....	b
NHS	Gulfport.....	b	NLP	Light Vessel No. 81, Head Bank.....	c
NHT	Iowa.....	b	NLS	Light Vessel No. 68, Fire Island.....	c
NHU	Roanoke.....	b	NLT	Orchid.....	b
NHV	Iroquois.....	b	NLU	Manzanita.....	b
NHW	Kittery.....	b	NLV	Sequoia.....	b
NHY	Bath.....	b	NLW	Cedar.....	b
NHZ	Newport News.....	b	NLX	Samar.....	b
NIB	Jarvis.....	b	NLY	Topeka.....	b
NID	Jenkins.....	b	NLZ	Constitution (old).....	b
NIE	Jouett.....	b	NMA	Nebraska.....	b
NIH	Aylwin.....	b	NMB	Manita, Cuba.....	c
NII	Balch.....	b	NMC	Vestal.....	b
NIJ	Benham.....	b	NMD	Point Hueneme, Calif.....	c
NIK	Cassin.....	b	NME	New Hampshire.....	b
NIL	Cummings.....	b	NMF	New Jersey.....	b
NIM	Cushing.....	b	NMG	New Orleans.....	b
NIN	Downes.....	b	NMH	Newport.....	b
NIO	Kansas.....	b	NMK	Aroostook.....	b
NIP	Kearsarge.....	b	NML	Shawmut.....	b
NIQ	Kentucky.....	b	NMN	Charlotte.....	b
NIR	Duncan.....	b	NMO	North Dakota.....	b
NIS	Ericsson.....	b	NMS	Neptune.....	b
NIT	McDougal.....	b	NMW	Ohio.....	b
NIU	Nicholson.....	b	NMZ	Oregon.....	b
NIV	O'Brien.....	b	NNA	Brutus.....	b
NIX	Corker.....	b	NNB	Jason.....	b
NIZ	Lebanon.....	b	NNC	Langley.....	b
NJA	Winslow.....	b	NND	Kanawha.....	b
NJB	Louisiana.....	b	NNE	Maumee.....	b
NJD	Allen.....	b	NNF	Nereus.....	b
NJE	Conyngham.....	b	NNG	Proteus.....	b
NJF	Davis.....	b	NNH	Leonidas.....	b
NJG	San Domingo City, D. R.....	c	NNI	St. Croix, V. I.....	c
NJI	S. P. 951 (Utowanah).....	b	NNK	Nanshan.....	b
NJJ	Wenonah.....	b	NNL	Coco Solo, C. Z.....	c
NJL	Maine.....	b	NNM	Saturn.....	b
NJM	Yacoma.....	b	NNQ	S. P. 813 (Corona).....	b
NJO	Rappahannock.....	b	NNT	Cape Mala, R. P.....	c
NJR	Mars.....	b	NNW	La Palma, R. P.....	c
NJS	Frederick.....	b	NNX	Undaunted.....	b
NJT	Massachusetts.....	b	NNZ	Buffalo, N. Y.....	c
NJU	Mayrant.....	b	NOA	Osceola.....	b
NJV	Mayflower (President's yacht).....	b	NOB	Abarenda.....	b
NJW	McCall.....	b	NOC	Orion.....	b
NJX	Willoughby.....	b	NOD	Cuyama.....	b
NJY	Port Arthur, Tex.....	c	NOE	Penobscot.....	b
NJZ	Michigan.....	b	NOF	U. S. Naval Research Laboratory, Anacostia, D. C.....	c
NKA	Melville.....	b	NOG	Paducah.....	b
NKB	Galveston, Tex.....	c	NOH	Henderson.....	b
NKC	Navassa Island, W. I.....	c	NOI	Briggs.....	b
NKD	Minnesota.....	b	NOJ	Panther.....	b
NKE	Mississippi.....	b	NOK	Patterson.....	b
NKF	Missouri.....	b	NOL	Patapsco.....	b
NKG	S. P. 1116 (Genesee).....	b	NOM	Pauxtent.....	b
NKK	Mercy.....	b	NON	Paulding.....	b
NKL	Monaghan.....	b	NOO	Porter.....	b
NKM	Missoula.....	b	NOT	Pittsburg.....	b
NKN	Monterey.....	b	NOW	Peoria.....	b
NKP	S. P. 714 (Galatea).....	b	NOX	Perkins.....	b
NKQ	Wilkes.....	b	NOZ	Petrel.....	b
NKR	Rowan.....	b	NPA	Cordova, Alaska.....	c
NKS	Sampson.....	b	NPB	Sitka, Alaska.....	c
NKT	Schley.....	b			

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.		
NPC	Puget Sound, Wash.....	c	NSN	Conner.....	b
NPD	Tatoosh, Wash.....	c	NSP	Arapaho.....	b
NPE	North Head, Wash.; Fort Stevens, Oreg.....	c	NSR	Frankfort, Mich.....	c
NPF	Marsfield, Oreg.....	c	NSS	Annapolis, Md. (H. Power).....	c
NPG	San Francisco, Calif.; Mare Island, Calif.; Yerba Buena, Calif.; Hillcrest, Calif.; San Francisco Beach, Calif.....	c	NST	Solace.....	b
NPH	Vladivostok, Siberia.....	c	NSU	Vixen.....	b
NPI	Farallons, Calif.....	c	NSW	South Carolina.....	b
NPJ	American Consulate, Shanghai, China.....	c	NSX	Huron.....	b
NPK	Point Arguella, Calif.....	c	NSY	Grand Haven, Mich.....	c
NPL	San Diego, Calif.....	c	NSZ	Cumberland.....	b
NPM	Heeia Point, Hawaii; Pearl Harbor, Hawaii.....	c	NTA	Ontario.....	b
NPN	Guam, Guam.....	c	NTB	Sterrett.....	b
NPO	Cavite, P. I.....	c	NTD	S. P. 1161 (Francis B. Hackett).....	b
NPP	Peking, China.....	c	NTE	Raleigh.....	b
NPQ	St. Paul, Alaska.....	c	NTF	Saint Louis.....	b
NPR	Dutch Harbor, Alaska.....	c	NTG	Sonoma.....	b
NPS	Kodiak, Alaska.....	c	NTK	Supply.....	b
NPT	Olongapo, P. I.....	c	NTL	Sylph.....	b
NPU	Tutuila, Samoa.....	c	NTM	Ludington, Mich.....	c
NPV	Seward, Alaska.....	c	MTN	Fairfax.....	b
NPW	Eureka, Calif.....	c	NTO	Mohave.....	b
NPX	San Pedro, Calif.; Inglewood, Calif.; Point Fermin, Calif.....	c	NTP	Salem.....	b
NPY	St. George, Alaska.....	c	NTQ	San Francisco.....	b
NPZ	Keyport, Wash.....	c	NTR	Rochester.....	b
NQB	Ashtabula, Ohio.....	c	NTT	Scorpion.....	b
NQE	Nahant.....	b	NTW	Appledore Island, Me.....	c
NQF	Pompey.....	b	NTX	Rhode Island.....	b
NQH	Concord.....	b	NTY	Manitowac, Wis.....	b
NQK	Potomac.....	b	NTZ	Roe.....	b
NQL	Machias.....	b	NUA	Tacoma.....	b
NQM	Prairie.....	b	NUB	Manistique, Mich.....	c
NQP	S. P. 524 (Margaret).....	b	NUC	Tallahassee.....	b
NQQ	Monocacy.....	b	NUD	Mackinac Island, Mich.....	c
NQR	Prometheus.....	b	NUG	Calumet, Mich.....	c
NQS	Palos.....	b	NUH	Pawnee.....	b
NQT	Pampanga.....	b	NUI	Terry.....	b
NQU	Surveyor.....	b	NUJ	Pawtucket.....	b
NQV	Sacramento.....	b	NUK	Milwaukee, Wis.....	c
NQW	New Mexico.....	b	NUL	Pentucket.....	b
NQX	Yorktown.....	b	NUN	Tonopah.....	b
NQY	Albatross.....	b	NUQ	Trippie.....	b
NQZ	Quiros.....	b	NUR	Chicago, Ill.....	c
NRA	Algonquin.....	b	NUT	Rocket.....	b
NRB	Bear.....	b	NUU	Samoset.....	b
NRC	Morrill.....	b	NUV	Sebago.....	b
NRD	Androscoggin.....	b	NUX	Duluth, Minn.....	c
NRE	Seneca.....	b	NUZ	Astoria, Oreg.....	c
NRF	Snohomish.....	b	NVA	Traffic.....	b
NRG	Gresham.....	b	NVC	Triton.....	b
NRH	Cleveland, Ohio.....	c	NVD	Juneau, Alaska.....	c
NRJ	Itaska.....	b	NVE	Utah.....	b
NRK	Ossipee.....	b	NVF	Unneas.....	b
NRL	Puerto Obaldia, R. P.....	c	NVH	Ketchikan, Alaska.....	c
NRN	Tuscarora.....	b	NVI	Wahmeta.....	b
NRO	Manning.....	b	NVJ	Wompatuck.....	b
NRQ	Onondaga.....	b	NVK	Vermont.....	b
NRR	Detroit, Mich.....	c	NVL	Seattle, Wash.....	c
NRS	Pamlico.....	b	NVN	Vicksburg.....	b
NRT	Seminole.....	b	NVP	Villalobos.....	b
NRU	Little.....	b	NVR	Virginia.....	b
NRV	Acushnet.....	b	NVS	Farragut.....	b
NRW	Tallapoosa.....	b	NVT	Vulcan.....	b
NRX	Comanche.....	b	NVU	Bagley.....	b
NRY	Unalga.....	b	NVV	Barney.....	b
NRZ	Yamacraw.....	b	NVW	Biddle.....	b
NSC	New London, Conn.....	c	NVX	Blakely.....	b
NSD	Port au Prince, Haiti.....	c	NVZ	Dahlgren.....	b
NSE	Cape May, N. J.; Cape Henlopen; Bethany Beach, Del.....	c	NWB	DeLong.....	b
NSF	Tennessee.....	b	NWH	DuPont.....	b
NSH	Anacostia, D. C.....	c	NWJ	Warrington.....	b
NSI	Manley.....	b	NWD	Washington.....	b
NSJ	Caldwell.....	b	NWE	Foote.....	b
NSK	U. S. Naval Radio Research Laboratory, Bureau of Standards, D. C.....	c	NWF	Huntington.....	b
NSM	Yankton.....	b	NWG	Wheeling.....	b
	Alpena, Mich.....	c	NWH	Fox.....	b
			NWJ	Wilmington.....	b
			NWK	Walke.....	b
			NWL	Wisconsin.....	b
			NWM	Wilmington, N. C.....	c
			NWN	Wyoming.....	b
			NWQ	Morris.....	b
			NWS		b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NWT	Rogers.....	e	NAKN Hibiscus.....
NWU	Shubrick.....	b	NAKQ S. P. 415 (Kemah).....
NVV	Somers.....	b	NAKS Light Vessel No. 70, San Francisco.....
NWX	Thornton.....	b	NAKT Light Vessel No. 69, Overfalls.....
NWY	Tingeay.....	b	NAKV Ivy.....
NXA	Chatham, Mass.....	e	NAKX Kiltie.....
NXB	A-2.....	b	NALC Lapwing.....
NXC	A-3.....	b	NALK Lykens.....
NXD	A-4.....	b	NALL Iris.....
NXE	A-5.....	b	NALP Kingfisher.....
NXF	A-6.....	b	NALQ S. P. 164 (May).....
NXG	A-7.....	b	NALR Taylor.....
NXH	B-1.....	b	NALS Light Vessel No. 87, Ambrose Channel.....
NXI	B-2.....	b	NALT Ringgold.....
NXJ	B-3.....	b	NALV Laurel.....
NXK	C-1.....	b	NALZ Stoddard.....
NXL	C-2.....	b	NAMB Larkspur.....
NXM	C-3.....	b	NAMC Mexican.....
NXX	C-4.....	b	NAMD Reno.....
NXO	C-5.....	b	NAMG General Alava.....
NXP	D-1.....	b	NAMM Nokomis.....
NXQ	D-2.....	b	NAMN Narragansett.....
NXR	D-3.....	b	NAMQ Nopatin.....
NXS	E-1.....	b	NAMR O-3.....
NXT	E-2.....	b	NAMS Light Vessel No. 74, Portland.....
NXU	Azalea.....	b	NAMT Boggs.....
NXV	F-2.....	b	NAMV Madrono.....
NXW	F-3.....	b	NAMX O-4.....
NXX	Tulip.....	b	NAMZ O-5.....
NXY	G-1.....	b	NANB O-6.....
NXZ	G-2.....	b	NANC O-7.....
NYA	G-3.....	b	NAND O-8.....
NYB	G-4.....	b	NANJ Plattsburg.....
NYC	H-1.....	b	NANQ Robin.....
NYD	H-2.....	b	NAMV Light Vessel No. 47, Pollock Rip.....
NYE	H-3.....	b	NANT Light Vessel No. 5, Stone Horse Shoals.....
NYF	K-1.....	b	NANV Mangrove.....
NYG	K-2.....	b	NANX Sagamore.....
NYH	K-3.....	b	NANZ Farquhar.....
NYI	K-4.....	b	NAPG Seattle.....
NYJ	K-5.....	b	NAPK Stevens.....
NYK	K-6.....	b	NAPL Talbot.....
NYL	K-7.....	b	NAPM Converse.....
NYM	K-8.....	b	NAPN Teal.....
NYN	L-1.....	b	NAPP Light Vessel No. 42, Hen and Chickens.....
NYO	L-2.....	b	NAPR Camden.....
NYP	L-3.....	b	NAPS Magnolia.....
NYQ	L-4.....	b	NAPV Maple.....
NYR	L-5.....	b	NAQB Light Vessel No. 20.....
NYS	L-6.....	b	NAQC Piscataqua.....
NYT	L-7.....	b	NAPF Widgeon.....
NYU	L-8.....	b	NAPJ Rail.....
NYV	L-9.....	b	NAQM S. P. 247 (Moosehead).....
NYW	L-10.....	b	NAQN Paul Hamilton.....
NYX	L-11.....	b	NAQS Light Vessel No. 3, Handkerchief.....
NYY	M-1.....	b	NAQV Marigold.....
NZA	Mohican.....	b	NARC Maryland.....
NZC	Bushnell.....	b	NARF Wandank.....
NZD	Fulton.....	b	NABJ Light Vessel No. 66.....
NZE	N-1.....	b	NABP Anemone.....
NZF	N-2.....	b	NABR Samoa.....
NZG	N-3.....	b	NABS Tanager.....
NZH	N-4.....	b	NABT Light Vessel No. 93, Swiftsure Bank.....
NZI	N-5.....	b	NABV Light Vessel No. 80, Cape Lookout.....
NZJ	N-6.....	b	Shoals.....
NZK	N-7.....	b	NABX Light Vessel No. 84, Brunswick.....
NZL	Avalon, Calif.....	c	AA-3.....
NZQ	Mayflower.....	b	NACB Apache.....
NZR	Cayey, P. R.....	c	NACD Relief Light Vessel No. 76.....
NZW	North Island, S. C.....	c	NACL Hale.....
NZZ	Zizania.....	c	NACN Dyer.....
NABB	A.A-2.....	b	NACP Stringham.....
NABC	Niagara.....	b	NACQ McKee.....
NABG	Charles S. Osborne.....	b	NACR Rathburne.....
NAJT	Light Vessel No. 88, Columbia River.....	c	NACS Owl.....
NAJV	Light Vessel No. 101, Cape Charles.....	c	NACT Light Vessel No. 83, Blunt's Reef.....
NAJX	Robinson.....	b	NACV Light Vessel No. 67, Umatilla Reef.....
NAJZ	Welles.....	b	NACX Light Vessel No. 41, Vineyard Sound.....
NAKC	Gypsum Queen.....	b	NACZ Allegheny.....
NAKD	Ajax.....	b	NADB Relief Light Vessel No. 92.....
NAKL	Heather.....	b	NADD Arcata.....

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.		Call.	Station.
NADF	Crowninshield.....	b	NAZQ	Tadousac.....
NADL	Kimberley.....	b	NAZR	Light Vessel No. 46, Tail of Horseshoe.....
NADP	Avocet.....	b	NAZS	Kalmia.....
NADQ	S. P. 1232 (Barneget).....	b	NAZV	Relief Light Vessel No. 4.....
NADT	Light Vessel No. 91, Winter Quarter Shoals.....	c	NAZZ	Robert L. Barnes.....
NADV	Light Vessel No. 79, Five Fathom Bank.....	c	NEBF	Constitution.....
NADX	Light Vessel No. 54, Boston.....	c	NEBJ	Meade.....
NAFC	Dickerson.....	b	NEBV	H-9.....
NAFF	Brant.....	b	NECD	S. P. 2225 (Navigator).....
NAFL	Leary.....	b	NECT	Penguin.....
NAFN	Cardinal.....	b	NECV	Palmer.....
NAFP	Cayuga.....	b	NECZ	Sotomo.....
NAFS	Burns.....	b	NEDB	Lexington.....
NAFT	Light Vessel No. 73, Pollock Rip Shue.....	c	NEDF	Constellation.....
NAFV	Fern.....	b	NEDG	Philip.....
NAFX	R-17.....	b	NEDJ	West Virginia.....
NAFZ	Semmes.....	b	NEDN	Ozette.....
NAGB	O-9.....	b	NEDX	Nero.....
NAGC	Satterlee.....	b	NEFC	H-6.....
NAGG	Mason.....	b	NEFK	Pelican.....
NAGJ	Graham.....	b	NEFL	Swallow.....
NAGL	Chandler.....	b	NEFS	S. P. 181 (Helori).....
NAGM	Arbutus.....	b	NEFT	Unadilla.....
NAGP	S. P. 1128 (Conestoga).....	b	NEFZ	Long Beach.....
NAGQ	Curacao.....	b	NEGC	R-18.....
NAGS	Ward.....	b	NEGD	Luce.....
NAGT	Light Vessel No. 102, South Pass, La.....	c	NEGF	Dent.....
NAGV	Hyacinth.....	b	NEGK	R-19.....
NAGX	Gwin.....	b	NEGS	Fortune.....
NAJB	Sigourney.....	b	NEJB	Eagle 1.....
NAJC	Relief Light Vessel No. 53.....	c	NEJC	Eagle 2.....
NAJD	Black Hawk.....	b	NEJD	Eagle 3.....
NAJJ	Relief Light Vessel No. 86.....	c	NEJF	Eagle 4.....
NAJK	Southard.....	b	NEJG	Eagle 5.....
NAJL	Colhoun.....	b	NEJJ	Eagle 6.....
NAJN	Favorite.....	b	NEJK	Eagle 7.....
NAJP	Finch.....	b	NEJL	Eagle 8.....
NAJQ	Bancroft.....	b	NEJM	Eagle 9.....
NAJR	Gregory.....	b	NEJN	Eagle 10.....
NAJS	Light Vessel No. 52, Fenwick Island Shoals.....	c	NEJP	Eagle 11.....
NARG	Chemung.....	b	NEJQ	Eagle 12.....
NARN	S. P. 1213 (Montauk).....	b	NEJR	Eagle 13.....
NARP	Aramis.....	b	NEJS	Eagle 14.....
NARQ	Sylvia.....	b	NEJT	Eagle 15.....
NARR	William Jones.....	b	NEJV	McGourty.....
NARS	Light Vessel No. 44, Northeast End, N. J.....	c	NEJX	Eagle 17.....
NART	Light Vessel No. 1, Martin's Industry.....	c	NEJZ	Eagle 18.....
NARV	Light Vessel No. 11, Scotland.....	c	NEKB	Eagle 19.....
NARX	Light Vessel No. 23, Ram Island Reef.....	c	NEKC	Scally.....
NARZ	R-20.....	b	NEKD	Bothwell.....
NASB	Light Vessel No. 39, Brenton Reef.....	c	NEKF	Earp.....
NASC	Light Vessel No. 48, Cornfield Point.....	c	NEKG	Eagle 23.....
NASD	Rose.....	b	NEKK	Eagle 25.....
NASG	Sumac.....	b	NEKM	S. P. 724 (Fearless).....
NASK	Relief Light Vessel No. 16.....	b	NEKN	Falcon.....
NASM	O-16.....	b	NEKP	Harbor Tug No. 74.....
NASV	R-15.....	b	NEKQ	Champlin.....
NASX	R-16.....	b	NEKR	Hercules.....
NATD	Light Vessel No. 9, Hedge Fence.....	c	NEKS	S. P. 1015 (Challenge).....
NATF	Woolsey.....	b	NEKZ	Manhattan.....
NATG	Bell.....	b	NELB	Saratoga.....
NATJ	Wickes.....	b	NELF	Ranger.....
NATM	Woodbury.....	b	NELG	Dorsey.....
NATS	Umpqua.....	b	NELK	Pyro.....
NATT	Walters.....	b	NELL	Nitro.....
NAVM	Explorer.....	b	NELN	H-8.....
NAVS	Stribling.....	b	NELR	Conte-cook.....
NAXJ	Montgomery.....	b	NELV	Ashville.....
NAXK	Murray.....	b	NELX	Aaron Ward.....
NAXN	Kewaydin.....	b	NEMC	Medusa.....
NAXS	O-15.....	b	NEMD	Sara Thompson.....
NAXT	O-10.....	b	NEMG	Schenck.....
NAZC	Thompson.....	b	NEMJ	Herbert.....
NAZJ	Light Vessel No. 34, Charleston.....	c	NEML	Branch.....
NAZL	Lamberton.....	b	NEMS	Evans.....
NAZM	Kennedy.....	b	NEMT	McKean.....
NAZP	Bagaduce.....	b	NEMV	Harding.....
			NEMX	Gridley.....
			NEMZ	Chew.....

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NENG	Israel.....b	NEVX	Mackenzie.....b
NENJ	Herndon.....b	NEVZ	Renshaw.....b
NENL	Heron.....b	NEXB	Radford.....b
NENM	Dallas.....b	NEXC	Koosauqua.....b
NENN	Atlantic.....b	NEXF	Eagle 26.....b
NENS	Hazelwood.....b	NEXG	Eagle 27.....b
NENT	Williams.....b	NEXJ	O-1.....b
NENV	Hart.....b	NEXK	U-117.....b
NENX	Ingraham.....b	NEXL	Knudsen.....b
NENZ	Ludlow.....b	NEXM	Eagle 28.....b
NEPB	Hovey.....b	NEXX	Eagle 29.....b
NEPD	J. D. Long.....b	NEXP	Carr.....b
NEPF	Broome.....b	NEXR	Mugford.....b
NEPG	Maury.....b	NEXS	O'Bannon.....b
NEPQ	Relief Hospital Ship No. 1.....c	NEXT	Hogan.....b
NEPS	Tattnall.....b	NE XV	Stansbury.....b
NEPT	Badger.....b	NEXX	Hopewell.....b
NEPV	Twiggs.....b	NEXXZ	Haraden.....b
NEPX	Babbitt.....b	NEZG	Eagle 31.....b
NEPZ	Jacob Jones.....b	NEZJ	Eagle 32.....b
NEQF	Montcalm.....b	NEZN	O-13.....b
NEQK	Mahan.....b	NEZP	Tarbell.....b
NEQL	Oil Barge No. 9.....b	NEZQ	Delphy.....b
NEQM	H-4.....b	NEZR	Gamble.....b
NEQP	U-C-97.....b	NEZS	Abbot.....b
NEQQ	Beaver.....b	NEZT	Clemson.....b
NEQS	Buchanan.....b	NEZV	Hatfield.....b
NEQT	Tillman.....b	NEZX	Brooks.....b
NEQX	Kennison.....b	NEZZ	Belknap.....b
NEQZ	Claxton.....b	NIBB	Eagle 33.....b
NERB	Gilmar.....b	NIBC	Eagle 39.....b
NERD	U-148.....b	NIBD	Eagle 34.....b
NERG	Aulick.....b	NIBF	Eagle 40.....b
NERJ	Craven.....b	NIBG	Eagle 35.....b
NERL	Lansdale.....b	NIBJ	Eagle 41.....b
NERQ	Turner.....b	NIBK	Eagle 36.....b
NERR	Gillis.....b	NIBL	Eagle 42.....b
NERS	Upshur.....b	NIBM	Eagle 37.....b
NERT	Greer.....b	NIBN	Eagle 38.....b
NERV	Elliot.....b	NIBP	Eagle 43.....b
NERX	Roper.....b	NIBQ	Eagle 44.....b
NERZ	Breckinridge.....b	NIBR	Eagle 45.....b
NESB	S. P. Lee.....b	NIBS	Eagle 46.....b
NESC	Relief Light Vessel No. 49.....c	NIBT	Eagle 47.....b
NESD	U-B-88.....b	NIBV	Eagle 48.....b
NESG	Young.....b	NIBX	Eagle 49.....b
NESJ	H-7.....b	NIBZ	Eagle 50.....b
NESM	Breese.....b	NICB	Eagle 51.....b
NESN	S. P. 1121 (Osborne).....b	NICC	Eagle 52.....b
NESS	Bernadou.....b	NICD	Eagle 53.....b
NEST	Cole.....b	NICF	Eagle 54.....b
NESV	Thatcher.....b	NICG	Eagle 55.....b
NESX	Walker.....b	NICJ	Eagle 56.....b
NESZ	Crosby.....b	NICK	Eagle 57.....b
NETB	McFarland.....b	NICL	Eagle 58.....b
NETD	Mahopac.....b	NICM	Eagle 59.....b
NETF	Lea.....b	NICN	Eagle 60.....b
NETG	H-5.....b	NICP	Cygan.....b
NETJ	O-2.....b	NIDB	Quigley.....b
NETK	O-11.....b	NIDC	Stellenwerf.....b
NETL	O-12.....b	NIDF	Dispatch.....b
NETQ	Tatnuck.....b	NIDG	Richards.....b
NETS	Meredith.....b	NIDL	Mehalatos.....b
NETT	Bush.....b	NIFB	Crane.....b
NETV	Cowell.....b	NIFC	Ramsay.....b
NETX	Maddox.....b	NIFD	Ellis.....b
NETZ	Koka.....b	NIFF	Chauncey.....b
NEVB	Sumnadin.....b	NIFG	Fuller.....b
NEVC	Napa.....b	NIFJ	Percival.....b
NEVD	O-14.....b	NIFK	Brazos.....b
NEVG	U-111.....b	NIFL	Hamilton.....b
NEVK	Sciota.....b	NIFM	Howard.....b
NEVL	Pinola.....b	NIFN	Thomas.....b
NEVM	Oriole.....b	NIFP	Neches.....b
NEVP	Algorma.....b	NIFQ	Pecos.....b
NEVQ	Carrabasset.....b	NIFR	Torpedo Test Barge No. 1.....b
NEVR	Iuka.....b	NIFS	Torpedo Test Barge No. 2.....b
NEVS	Anthony.....b	NIFT	Coast Torpedo Boat No. 6.....b
NEVT	Sproston.....b	NIFV	Cyan.....b
NEVV	Rizal.....b	|| NIFX	
		|| Torpedo Test Barge No. 3.....b	

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.		
NIFZ	Torpedo Test Barge No. 4.....	b	NIMV	S-12.....	b
NIGB	McCook.....	b	NIMX	S-13.....	b
NIGC	McCalla.....	b	NIMZ	S-14.....	b
NIGD	Kalk.....	b	NINB	S-15.....	b
NIGF	Ingram, Osmund.....	b	NINC	S-16.....	b
NIGG	McDermut.....	b	NIND	S-17.....	b
NIGJ	Laub.....	b	NINF	S-18.....	b
NIGK	McLanahan.....	b	NING	S-19.....	b
NIGL	Edwards.....	b	NINJ	S-20.....	b
NIGM	Greene.....	b	NINK	S-21.....	b
NIGN	Ballard.....	b	NINL	S-22.....	b
NIGP	Swasey.....	b	NINM	S-23.....	b
NIGQ	John Francis Burns.....	b	NINN	S-24.....	b
NIGR	J. Fred Talbott.....	b	NINP	S-25.....	b
NIGS	Yarnall.....	b	NINQ	S-26.....	b
NIGT	Cook.....	b	NINR	S-27.....	b
NIJB	Curlew.....	b	NINS	S-28.....	b
NIJF	Turkey.....	b	NINT	S-29.....	b
NIJG	Partridge.....	b	NINV	S-30.....	b
NIJJ	Bobolink.....	b	NINX	S-31.....	b
NIJK	Lark.....	b	NINZ	S-32.....	b
NIJL	Osprey.....	b	NIPB	S-33.....	b
NIJM	Seagull.....	b	NIPC	S-34.....	b
NIJN	Flamingo.....	b	NIPD	S-35.....	b
NIJP	Swan.....	b	NIPF	S-36.....	b
NIJQ	Whippoorwill.....	b	NIPG	S-37.....	b
NIJR	Bittern.....	b	NIPJ	S-38.....	b
NIJS	Sanderling.....	b	NIPK	S-39.....	b
NIJT	Auk.....	b	NIPL	S-40.....	b
NIJV	Chewink.....	b	NIPM	S-41.....	b
NIJX	Gannet.....	b	NIPN	S-42.....	b
NIKB	Mallard.....	b	NIPP	S-43.....	b
NIKC	Ortolan.....	b	NIPQ	S-44.....	b
NIKD	Peacock.....	b	NIPR	S-45.....	b
NIKF	Pigeon.....	b	NIPS	S-46.....	b
NIKG	Redwing.....	b	NIPT	S-47.....	b
NIKK	Sandpiper.....	b	NIPV	S-48.....	b
NIKL	Vireo.....	b	NIPX	S-49.....	b
NIKM	Warbler.....	b	NIPZ	S-50.....	b
NIKN	Willet.....	b	NIQB	Submarine chaser No. 425.....	b
NIKP	Woodcock.....	b	NIQC	Submarine chaser No. 426.....	b
NIKQ	Quail.....	b	NIQL	Submarine chaser No. 427.....	b
NIKR	Eider.....	b	NIQC	Submarine chaser No. 428.....	b
NIKS	Thrush.....	b	NIQL	Submarine chaser No. 429.....	b
NIKT	Tern.....	b	NIQJ	Submarine chaser No. 430.....	b
NIKV	Cormorant.....	b	NIQK	S-51.....	b
NIKX	Grebe.....	b	NIQL	Submarine chaser No. 432.....	b
NIKZ	Raven.....	b	NIQP	Johansson.....	b
NIJB	AA-1.....	b	NIQT	Submarine chaser No. 439.....	b
NIJC	R-1.....	b	NIQV	Submarine chaser No. 440.....	b
NIJD	R-2.....	b	NIQX	Submarine chaser No. 441.....	b
NIJF	R-3.....	b	NIEB	Submarine chaser No. 443.....	b
NIJG	R-4.....	b	NIRC	Submarine chaser No. 444.....	b
NIJL	R-5.....	b	NISB	Tingard.....	b
NIJK	R-6.....	b	NISC	Klingelhoefer.....	b
NIJL	R-7.....	b	NISD	Boyce.....	b
NIJM	R-8.....	b	NISG	South Dakota.....	b
NIJN	R-9.....	b	NISJ	Montana.....	b
NIJL	R-10.....	b	NIJK	North Carolina.....	b
NIJQ	R-11.....	b	NITB	Taylor.....	b
NIJR	R-12.....	b	NIK	Larsen.....	b
NILS	R-13.....	b	NITL	Nansemond.....	b
NILT	R-14.....	b	NITQ	Light Vessel No. 72, Diamond Shoals.....	c
NIJV	R-21.....	b	NITR	Relief Light Vessel No. 78.....	c
NIJX	R-22.....	b	NITS	Relief Light Vessel No. 90.....	c
NIJZ	R-23.....	b	NIXG	Smith (C. G.).....	b
NIMB	R-24.....	b	NIZD	Oveson (C. G.).....	b
NIMC	R-25.....	b	NOBJ	Submarine chaser No. 17.....	b
NIMD	R-26.....	b	NOBL	Submarine chaser No. 19.....	b
NIMF	R-27.....	b	NOBN	Submarine chaser No. 21.....	b
NIMG	S-1.....	b	NOBQ	Submarine chaser No. 23.....	b
NIMJ	S-2.....	b	NOBR	Submarine chaser No. 24.....	b
NIMK	S-3.....	b	NOBS	Submarine chaser No. 25.....	b
NIML	S-4.....	b	NOBT	Submarine chaser No. 26.....	b
NIMM	S-5.....	b	NOBZ	Submarine chaser No. 33.....	b
NIMN	S-6.....	b	NOCB	Submarine chaser No. 36.....	b
NIMP	S-7.....	b	NOCC	Submarine chaser No. 37.....	b
NIMQ	S-8.....	b	NOCG	Submarine chaser No. 40.....	b
NIMR	S-9.....	b	NOCK	Submarine chaser No. 42.....	b
NIMS	S-10.....	b	NOCL	Submarine chaser No. 43.....	b
NIMT	S-11.....	b	NOCM	Submarine chaser No. 44.....	b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NOCN	Submarine chaser No. 45.....b	NOMM	Submarine chaser No. 191.....b
NOCP	Submarine chaser No. 46.....b	NOMN	Submarine chaser No. 192.....b
NOCQ	Submarine chaser No. 47.....b	NOMP	Submarine chaser No. 193.....b
NOCR	Submarine chaser No. 48.....b	NOMQ	Submarine chaser No. 194.....b
NOCS	Submarine chaser No. 49.....b	NOMR	Submarine chaser No. 195.....b
NOCT	Submarine chaser No. 50.....b	NOMS	Submarine chaser No. 196.....b
NOCV	Submarine chaser No. 51.....b	NONJ	Submarine chaser No. 206.....b
NOCX	Submarine chaser No. 52.....b	NONL	Submarine chaser No. 208.....b
NOCZ	Submarine chaser No. 53.....b	NONN	Submarine chaser No. 210.....b
NODB	Submarine chaser No. 54.....b	NONP	Submarine chaser No. 211.....b
NODC	Submarine chaser No. 55.....b	NONQ	Submarine chaser No. 212.....b
NODD	Submarine chaser No. 56.....b	NONR	Submarine chaser No. 213.....b
NODF	Submarine chaser No. 57.....b	NONS	Submarine chaser No. 214.....b
NODM	Submarine chaser No. 62.....b	NONT	Submarine chaser No. 215.....b
NODN	Submarine chaser No. 63.....b	NONV	Submarine chaser No. 216.....b
NODP	Submarine chaser No. 64.....b	NONX	Submarine chaser No. 217.....b
NODQ	Submarine chaser No. 68.....b	NONZ	Submarine chaser No. 218.....b
NODR	Submarine chaser No. 69.....b	NOPB	Submarine chaser No. 220.....b
NODS	Submarine chaser No. 70.....b	NOPC	Submarine chaser No. 221.....b
NODT	Submarine chaser No. 71.....b	NOPD	Submarine chaser No. 222.....b
NODV	Submarine chaser No. 72.....b	NOPF	Submarine chaser No. 223.....b
NODX	Submarine chaser No. 73.....b	NOPG	Submarine chaser No. 224.....b
NODZ	Submarine chaser No. 74.....b	NOPJ	Submarine chaser No. 225.....b
NOFB	Submarine chaser No. 77.....b	NOPK	Submarine chaser No. 226.....b
NOFT	Submarine chaser No. 91.....b	NOPM	Submarine chaser No. 228.....b
NOFX	Submarine chaser No. 93.....b	NOPN	Submarine chaser No. 229.....b
NOGB	Submarine chaser No. 95.....b	NOPP	Submarine chaser No. 230.....b
NOGC	Submarine chaser No. 96.....b	NOPQ	Submarine chaser No. 231.....b
NOGD	Submarine chaser No. 97.....b	NOPR	Submarine chaser No. 232.....b
NOGF	Submarine chaser No. 98.....b	NOPV	Submarine chaser No. 235.....b
NOGJ	Submarine chaser No. 100.....b	NOPX	Submarine chaser No. 236.....b
NOGK	Submarine chaser No. 101.....b	NOPZ	Submarine chaser No. 237.....b
NOGL	Submarine chaser No. 102.....b	NOQB	Submarine chaser No. 238.....b
NOGM	Submarine chaser No. 103.....b	NOQC	Submarine chaser No. 239.....b
NOGN	Submarine chaser No. 104.....b	NOQD	Submarine chaser No. 240.....b
NOGP	Submarine chaser No. 105.....b	NOQF	Submarine chaser No. 241.....b
NOQQ	Submarine chaser No. 106.....b	NOQQ	Submarine chaser No. 242.....b
NOGR	Submarine chaser No. 107.....b	NOQJ	Submarine chaser No. 244.....b
NOGT	Submarine chaser No. 109.....b	NOQK	Submarine chaser No. 245.....b
NOGV	Submarine chaser No. 110.....b	NOQL	Submarine chaser No. 246.....b
NOGX	Submarine chaser No. 111.....b	NOQM	Submarine chaser No. 247.....b
NOJF	Submarine chaser No. 116.....b	NOQN	Submarine chaser No. 248.....b
NOJG	Submarine chaser No. 117.....b	NOQP	Submarine chaser No. 250.....b
NOJJ	Submarine chaser No. 118.....b	NOQQ	Submarine chaser No. 251.....b
NOJK	Submarine chaser No. 119.....b	NOQR	Submarine chaser No. 252.....b
NOJL	Submarine chaser No. 120.....b	NOQS	Submarine chaser No. 253.....b
NOJM	Submarine chaser No. 121.....b	NOQT	Submarine chaser No. 254.....b
NOJP	Submarine chaser No. 123.....b	NOQV	Submarine chaser No. 255.....b
NOJS	Submarine chaser No. 126.....b	NOQZ	Submarine chaser No. 257.....b
NOJV	Submarine chaser No. 128.....b	NORB	Submarine chaser No. 258.....b
NOJX	Submarine chaser No. 129.....b	NORC	Submarine chaser No. 259.....b
NOKD	Submarine chaser No. 133.....b	NORD	Submarine chaser No. 260.....b
NOKF	Submarine chaser No. 134.....b	NORG	Submarine chaser No. 262.....b
NOKG	Submarine chaser No. 135.....b	NORJ	Submarine chaser No. 263.....b
NOKJ	Submarine chaser No. 136.....b	NORK	Submarine chaser No. 264.....b
NOKL	Submarine chaser No. 138.....b	NORL	Submarine chaser No. 265.....b
NOKN	Submarine chaser No. 143.....b	NORM	Submarine chaser No. 266.....b
NOKP	Submarine chaser No. 144.....b	NORP	Submarine chaser No. 268.....b
NOKQ	Submarine chaser No. 145.....b	NORQ	Submarine chaser No. 269.....b
NOKR	Submarine chaser No. 147.....b	NORR	Submarine chaser No. 270.....b
NOKS	Submarine chaser No. 148.....b	NORS	Submarine chaser No. 271.....b
NOLC	Submarine chaser No. 154.....b	NORT	Submarine chaser No. 272.....b
NOLF	Submarine chaser No. 156.....b	NORV	Submarine chaser No. 273.....b
NOLJ	Submarine chaser No. 158.....b	NOSC	Submarine chaser No. 277.....b
NOLK	Submarine chaser No. 159.....b	NOSD	Submarine chaser No. 278.....b
NOLL	Submarine chaser No. 164.....b	NOSK	Submarine chaser No. 282.....b
NOLM	Submarine chaser No. 165.....b	NOSL	Submarine chaser No. 283.....b
NOLN	Submarine chaser No. 166.....b	NOSM	Submarine chaser No. 284.....b
NOLP	Submarine chaser No. 167.....b	NOSQ	Submarine chaser No. 287.....b
NOLQ	Submarine chaser No. 168.....b	NOSR	Submarine chaser No. 288.....b
NOLR	Submarine chaser No. 177.....b	NOSS	Submarine chaser No. 289.....b
NOLS	Submarine chaser No. 178.....b	NOSV	Submarine chaser No. 291.....b
NOLV	Submarine chaser No. 180.....b	NOTB	Submarine chaser No. 294.....b
NOLX	Submarine chaser No. 181.....b	NOTC	Submarine chaser No. 295.....b
NOLZ	Submarine chaser No. 182.....b	NOTD	Submarine chaser No. 296.....b
NOMC	Submarine chaser No. 184.....b	NOTG	Submarine chaser No. 298.....b
NOMD	Submarine chaser No. 185.....b	NOTJ	Submarine chaser No. 299.....b
NOMF	Submarine chaser No. 186.....b	NOTL	Submarine chaser No. 301.....b
NOMG	Submarine chaser No. 187.....b	NOTN	Submarine chaser No. 303.....b
NOMJ	Submarine chaser No. 188.....b	NOTP	Submarine chaser No. 304.....b
NOML	Submarine chaser No. 190.....b		

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NOTQ	Submarine chaser No. 305.....b	NUJK	Barker.....b
NOTR	Submarine chaser No. 306.....b	NUJL	Tracy.....b
NOTS	Submarine chaser No. 307.....b	NUJM	James K. Paulding.....b
NOTT	Submarine chaser No. 308.....b	NUJN	Overton.....b
NOTV	Submarine chaser No. 309.....b	NUJP	Sturtevant.....b
NOTX	Submarine chaser No. 310.....b	NUJQ	Henshaw.....b
NOVC	Submarine chaser No. 320.....b	NUJR	Meyer.....b
NOVF	Submarine chaser No. 322.....b	NUJS	Doyen.....b
NOVG	Submarine chaser No. 323.....b	NUJT	LaValette.....b
NOVL	Submarine chaser No. 326.....b	NUJV	Shirk.....b
NOVN	Submarine chaser No. 328.....b	NUJX	Kidder.....b
NOVP	Submarine chaser No. 329.....b	NUJZ	Selfridge.....b
NOVQ	Submarine chaser No. 330.....b	NUKB	Robert Smith.....b
NOVR	Submarine chaser No. 331.....b	NUKC	Wasmuth.....b
NOVS	Submarine chaser No. 332.....b	NUKD	Hubert.....b
NOVZ	Submarine chaser No. 336.....b	NUKF	Noa.....b
NOXC	Submarine chaser No. 338.....b	NUKS	S. P. 156 (Winchester).....b
NOXD	Submarine chaser No. 339.....b	NUKX	Humphreys.....b
NOXF	Submarine chaser No. 340.....b	NULD	Harbor Tug No. 63.....b
NOXG	Submarine chaser No. 341.....b	NULG	Harbor Tug No. 67.....b
NOXQ	Submarine chaser No. 351.....b	NULJ	Welborn C. Wood.....b
NOXR	Submarine chaser No. 352.....b	NULK	Alden.....b
NOXS	Submarine chaser No. 353.....b	NULL	Borie.....b
NOXT	Submarine chaser No. 354.....b	NULM	Kane.....b
NOXX	Submarine chaser No. 356.....b	NULN	Childs.....b
NOZC	Submarine chaser No. 408.....b	NULP	King.....b
NOZD	Submarine chaser No. 409.....b	NULQ	Sands.....b
NOZJ	Submarine chaser No. 412.....b	NULR	Sinclair.....b
NOZK	Submarine chaser No. 413.....b	NULS	McCawley.....b
NOZN	Submarine chaser No. 416.....b	NULT	Moody.....b
NOZR	Submarine chaser No. 419.....b	NULV	Sharkey.....b
NOZT	Submarine chaser No. 421.....b	NULX	Toucey.....b
NOZV	Submarine chaser No. 422.....b	NULZ	Breck.....b
NOZX	Submarine chaser No. 423.....b	NUMB	Zeilin.....b
NOZZ	Submarine chaser No. 424.....b	NUMC	Yarborough.....b
NUBB	S. P. 43 (Daraga).....b	NUMD	Sloat.....b
NUBC	S. P. 909 (Eaglet).....b	NUMF	Wood.....b
NUBK	S. P. 54 (Patrol No. 6).....b	NUMG	Marcus.....b
NUBM	Vesuvius.....b	NUMJ	Mervine.....b
NUBR	S. P. 3297 (Winthrop).....b	NUMK	Chase.....b
NUBS	S. P. 726 (Orca).....b	NUML	Mullaney.....b
NUBT	S. P. 522 (Charles Mann).....b	NUMM	Litchfield.....b
NUCF	Lilac.....b	NUMN	Zane.....b
NUCG	S. P. 573 (Easthampton).....b	NUMP	Trever.....b
NUCJ	S. P. 1234 (Cigarette).....b	NUMQ	William B. Preston.....b
NUCK	S. P. 765 (Adelante).....b	NUMR	Harbor Tug No. 68.....b
NUCR	S. P. 680 (Ardent).....b	NUMS	S. P. 681 (Breakwater).....b
NUCS	S. P. 642 (Felicia).....b	NUMT	Harbor Tug No. 64.....b
NUCT	S. P. 265 (Pocomoke).....b	NUMV	Mansfield.....b
NUCX	S. P. 214 (Edithia).....b	NUMX	Harbor Tug No. 61.....b
NUCZ	S. P. 249 (Haouli).....b	NUMZ	Kankakee.....b
NUDF	S. P. 179 (Privateer).....b	NUNB	Yacoma.....b
NUDG	Ranger.....b	NUNC	Lamson.....b
NUDK	S. P. 2373 (Herreshoff Hull No. 322).....b	NUND	Dale.....b
NUDR	S. P. 707 (Endion).....b	NUNF	Flusser.....b
NUFB	Mohawk.....b	NUNG	Preble.....b
NUFG	S. P. 399 (Legonia).....b	NUNJ	Preston.....b
NUFL	S. P. 838 (John L. Lawrence).....b	NUNK	Reid.....b
NUFM	Sunflower.....b	NUNL	Whipple.....b
NUFN	S. P. 1149 (Barnett).....b	NUNM	Worden.....b
NUFZ	S. P. 185 (Clarinda).....b	NUNN	Stewart.....b
NUGB	S. P. 3218 (Resolute).....b	NUNQ	United States.....b
NUGD	Mackinac.....b	NUNR	Dobbin.....b
NUGF	Relief Light Vessel No. 2, fifth district.....c	NUNS	Williamson.....b
NUGG	Natoma.....b	NUNT	Reuben James.....b
NUGJ	Alameda.....b	NUNV	Isherwood.....b
NUGK	Kaweah.....b	NUNX	Case.....b
NUGL	Laramie.....b	NUNZ	Nicholas.....b
NUGM	Mattole.....b	NUPC	John D. Edwards.....b
NUGN	Patoka.....b	NUPD	Parrot.....b
NUGP	Ramapo.....b	NUPF	Lardner.....b
NUGQ	Rapidan.....b	NUPG	Putnam.....b
NUGR	Salinas.....b	NUPJ	Pequot.....b
NUGS	Sapelo.....b	NUPK	Coghlan.....b
NUGT	Sepulga.....b	NUPL	Sicard.....b
NUGV	Tippecanoe.....b	NUPM	Edsall.....b
NUGX	Trinity.....b	NUPN	Bulmer.....b
NUJD	Abel P. Upshur.....b	NUPQ	Billingsley.....b
NUJF	Hunt.....b	NUPR	Charles Ausburne.....b
NUJG	George E. Badger.....b	NUPS	Bruce.....b
NUJJ	Smith Thompson.....b	NUPT	MacLeish.....b
		NUPV	Pruitt.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NUPX	Simpson.....	b	WWO Cleveland, Ohio.....
NUPZ	McCormick.....	b	WWQ Bellefonte, Pa.....
NUQB	Pope.....	b	WWU Newark, N. J.....
NUQC	Osborne.....	b	WWV Washington, D. C. (Bureau of Standards).
NUQD	Peary.....	b	WWX College Park, Md.....
NUQF	Goff.....	b	WWY Slocum.....
NUQG	Pillsbury.....	b	WXA Buford.....
NUQJ	Ford.....	b	WXB Crook.....
NUQK	Truxton.....	b	WXC Dix.....
NUQL	Bainbridge.....	b	WXD Kilpatrick.....
NUQM	Hopkins.....	b	WXE Liscum.....
NUQN	Paul Jones.....	b	WXF Logan.....
NUQP	Barry.....	b	WXI Merritt.....
NUQQ	Lawrence.....	b	WXJ Sheridan.....
NUQR	MacDonough.....	b	WXX Sherman.....
NUQS	Ferry.....	b	WXL Iditarod, Alaska.....
NUQT	Hull.....	b	WXM Thomas.....
NUQV	Decatur.....	b	WWX Warren.....
WEY	General William M. Graham.....	b	WXO Craig, Alaska.....
WFY	Sialia.....	b	WXP Fort Travis, Tex.....
WIM	Northern Pacific.....	b	WXQ Fort Saint Philip, La.....
WIR	Great Northern.....	b	WXR Burnside.....
WJD	Tongshan, China.....	c	WXS Cyrus W. Field.....
WJI	Atka Island, Alaska.....	c	WXT Joseph Henry.....
WUA	Fort Andrews, Mass.....	c	WWXU Navesink.....
WUAA	Mount Vernon.....	b	WXV McGrath, Alaska.....
WUAB	Cadmus.....	b	WWXW General John M. Schofield.....
WUAC	Gypsum Prince.....	b	WXX Fort Yukon, Alaska.....
WUAD	Gwalla.....	b	WXY Alexandria, Va.....
WUAE	Tacony.....	b	WZX Fort Story, Va.....
WUB	Fort Hancock, N. J.....	c	WYA Gen. Royal T. Frank.....
WUC	Fort H. G. Wright, N. Y.....	c	WYB Gen. S. M. Mills.....
WUD	Fort Leavenworth, Kans.....	c	WYC Maj. Samuel Ringgold.....
WUE	Fort Levett, Me.....	c	WYD Gen. Henry J. Hunt.....
WUF	Fort Monroe, Va.....	c	WYE Gen. Henry Knox.....
WUG	Fort Monroe, Va.....	c	WYF Gen. E. O. C. Ord.....
WUH	Fort McIntosh, Tex.....	c	WYG Col. George Armistead.....
WUI	Fort Riley, Kans.....	c	WYH Gen. Robert Anderson.....
WUJ	Fort San Houston, Tex.....	c	WYI Capt. Charles W. Rowell.....
WUK	Fort Stevens, Oreg.....	c	WYJ Gen. A. M. Randal.....
WUL	Fort Totten, N. Y.....	c	WYK Gen. Harvey Brown.....
WUM	Fort Wood, N. Y.....	c	WYL Gen. R. B. Ayres.....
WUN	Fort Worden, Wash.....	c	WYM Capt. James Fornance.....
WUO	Fort Winfield Scott, Calif.....	c	WYN Reno.....
WUP	Washington, D. C.....	c	WYO Maj. Evan Thomas.....
WUQ	Washington, D. C.....	c	WYP Capt. Gregory Barrett.....
WUR	Fort Morgan, Ala.....	c	WYQ Maj. Albert G. Forse.....
WUS	Fort Rosecrans, Calif.....	c	WYR Lieut. Geo. M. Harris.....
WUT	Fort Caswell, N. C.....	c	WYS Gen. G. W. Getty.....
WUU	Fort Adams, R. I.....	c	WYT Capt. A. M. Wetherill.....
WUV	Brooks, Alaska.....	c	WYU Gen. Robert W. Swartout.....
WUW	Fort Terry, N. Y.....	c	WYV Gen. S. B. Holabird.....
WUX	Fort Crockett, Tex.....	c	WYW Gen. R. H. Jackson.....
WUY	Fort San Jacinto, Tex.....	c	WYX Tien-Tsin.....
WUZ	Fort Brown, Tex.....	c	WYY Gen. Richard Arnold.....
WVA	Circle City, Alaska.....	c	WYZ Capt. T. M. Morrison.....
WVB	Fairbanks, Alaska.....	c	WZA Fort Screven, Ga.....
WVC	Fort Egbert, Alaska.....	c	WZB Fort Howard, Md.....
WVD	Fort Gibbon, Alaska.....	c	WZC Fort Whitman, Wash.....
WVE	Fort St. Michael, Alaska.....	c	WZD Fort Barrancas, Fla.....
WVF	Kotlik, Alaska.....	c	WZE Fort Constitution, N. H.....
WVG	Nome, Alaska.....	c	WZF Fort Moultrie, S. C.....
WVH	Nulato, Alaska.....	c	WZG Fort De Russy, Hawaii.....
WVI	Petersburg, Alaska.....	c	WZI Shanghai, China.....
WVJ	Wrangell, Alaska.....	c	WZJ Fort Casey, Wash.....
WVK	Holy Cross, Alaska.....	c	WZK Fort Dade, Fla.....
WVL	Fort Frank, P. I.....	c	WZL Buckroe.....
WVM	Fort Hughes, P. I.....	c	WZM Anderson.....
WVN	Fort Mills, P. I.....	c	WZN Fort Du Pont, Del.....
WVO	Davao, P. I.....	c	WZO Fort Bliss, Tex.....
WVP	Fort Drumm, P. I.....	c	WZP Fort Huachuca, Ariz.....
WVQ	Fort William McKinley, P. I.....	c	WZQ Gen. Timothy Pickering.....
WVR	Fort Wint, P. I.....	c	WZR Gen. Nathaniel Greene.....
WVS	Jolo, P. I.....	c	WZS Henry Wilson.....
WVT	Malabang, P. I.....	c	WZM Gen. George H. Weeks.....
WVU	Manila, P. I.....	c	WZT Sprigg Carroll.....
WVV	Puerto Princesa, P. I.....	c	WZU General J. M. Brannon.....
WVV	Zamboanga, P. I.....	c	WZV Gen. R. N. Batchelder.....
WVX	Cuyo, P. I.....	c	WZW Gen. Mifflin.....
WVY	San Jose, P. I.....	c	WZY Maj. Guy Howard.....
WVZ	Fort Mills, P. I.....	c	WZZ San Pedro.....
WWG	Chicago, Ill.....	c	

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Additions to the List of Radio Stations of the United States, edition of June 15, 1919, only.]

Station.	Call signal.	Wave lengths.	Station controlled by—
Agricultural College, Miss.....	5YD	200, 375	Mississippi Agricultural & Mechanical College.
Agricultural College, N. Dak.....	9YG	200, 300, 375	North Dakota Agricultural College.
Ann Arbor, Mich.....	8XA	600, variable.	University of Michigan.
Auberry, Calif.....	6XR	200, 375	San Joaquin Light & Power Corp.
Auburn, Ala.....	5XA	200, 375	Alabama Polytechnic Institute.
Auburn, N. Y.....	8YA	200, 375	Edward L. Colby (Colby's Telegraph School).
Austin, Tex.....	5ZU	200, 375	Wesley Hope Tilley.
Bala, Pa.....	3ZA	300, 325	Charles A. Service, Jr.
Baltimore, Md.....	3XD	300, 345, 385	Johns Hopkins University.
Baltimore, Md.....	3XG	400, 420, 600	Edward O. Hurlburt
Battle Creek, Mich.....	8ZC	200, 375	Bert E. Clough.
Baudette, Minn.....	9ZC	200, 375	John A. Gjelhaug.
Bear Creek, Mont.....	7ZG	200, 375	Winfred E. Slauson.
Blackwell, Okla.....	5ZZ	200, 375	Harold Schonwald.
Bloomington, Ill.....	9YS	200, 375	Illinois Wesleyan University.
Boise, Idaho.....	7YA	200, 375	Independent School District of Boise City.
Boston, Mass.....	1YC	300, 425, 600	Eastern Radio Institute.
Bozeman, Mont.....	7XB	200, 300, 375	Montana State College.
Bozeman, Mont.....	7ZD	200, 300, 375	R. Earl Dawes.
Brooklyn, N. Y.....	2XT	200, 375	Lowenstein Radio Co.
Buffalo, N. Y.....	8ZM	200, 375	Cyrus H. Fraser.
Burley, Idaho.....	7YF	200, 375	Burley High School (J. J. Rae, Supt.)
Burnwood, La.....	5XE	200, 375	Tropical Radio Telegraph Co.
Cambridge, Mass.....	1XJ	300, 600, 5000 10000	Harvard University.
Cambridge, Mass.....	1XM	200, 375	Massachusetts Institute of Technology.
Camp Dix, N. J.....	2YA	200, 375	Knights of Columbus.
Canton, Ohio.....	8ZV	200, 375	Henry L. Ley.
Chicago, Ill.....	9ZN	200, 375	Ralph H. G. Mathews.
Cincinnati, Ohio.....	8XB	200, 375	Precision Equipment Co.
Cincinnati, Ohio.....	8ZJ	200, 375	Hughes High School.
Cleveland, Ohio.....	8XF	200, 375	Emil J. Simon.
Cliffwood, N. J.....	2XF	350, 450	Western Electric Co.
Clifton, N. J.....	2ZM	200, 325, 425	Lester Spangenburg.
Clinton, Md.....	3XE	200, 300, 425	W. W. Connors.
Cochise, Ariz.....	6ZC	200, 375	Dr. J. B. Ellis.
College Station, Tex.....	5XB	200, 375	Agricultural & Mechanical College of Texas.
College Station, Tex.....	5YF	200, 375	Do.
Columbus, Ohio.....	8XI	200, 375	Ohio State University.
Dearborn, Mich.....	8XD	200, 375	Henry Ford.
Defiance, Ohio.....	8ZY	200, 375	K. A. Duerk.
Denver, Colo.....	9ZD	200, 375	Edward C. Stockman.
Detroit, Mich.....	8ZN	200, 375	George W. Carter.
Dover, Ohio.....	8ZX	200, 375	Harry S. Weber.
Eagle Pass, Tex.....	5ZN	200, 375	Ed. Nettleton.
Elberon, N. J.....	2XJ	200, 375	Western Electric Co.
Elk, Wyo.....	7ZE	200, 375	Harold Prescott Sheard.
Eugene, Oreg.....	7YB	200, 375	University of Oregon.
Franklin, La.....	5ZK	200, 425	Paul Ellis Greenlaw.
Fresno, Calif.....	6XU	200, 400, 500 600	San Joaquin Light & Power Corp.
Glenridge, N. J.....	2XV	200, 400, 500 600	Western Electric Co.
Green Harbor, Mass.....	1XD	350, 450	Do.
Hanover, N. H.....	1YB	200, 300, 375 600	Dartmouth College.
House, Tex.....	5ZW	200, 275	Donald Harper Graham.
Houston, Tex.....	5YI	200, 375	Rice Institute.
Houston, Tex.....	5ZX	200, 375	James L. Autry, Jr.
Houston, Tex.....	5ZO	200, 300, 375 600	Clifford W. Vick.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Houston, Tex.	5ZT	200, 300, 375 600	Ingham S. Roberts III.
Houston, Tex.	5ZV	200, 375	Hallet E. Worthington.
Independence, Mo.	9ZH	200, 375	Reorganized Church of Christ of Latter Day Saints.
Indianapolis, Ind.	9ZZ	200, 375	Francis F. Hamilton.
Ithaca, N. Y.	8XU	200, 375	Cornell University.
Jackson, Tenn.	5YB	200, 425	Y. M. C. A.
Kansas City, Mo.	9ZZ	200, 375	Walter M. Aronson and Albert R. Perkins.
Kingston, R. I.	1YA	200, 375	Rhode Island State College.
Lacey, Wash.	7YS	200, 375	St. Martin's College.
La Crosse, Wis.	9ZY	200, 375	Ben A. Ott.
Lafayette, Ind.	9YB	200, 375	Purdue University.
Lawrence, Kans.	9YN	200, 375	University of Kansas.
Lewisburg, Pa.	8XJ	200, 375	Bucknell University.
Lexington, Ky.	9YC	200, 375	University of Kentucky.
Lincoln, Nebr.	9YY	200, 375	University of Nebraska.
Little Rock, Ark.	5YH	200, 375	U. S. Signal Corps, 5th Field Sig. Batt.
Little Rock, Ark.	5ZL	200, 300, 375	John M. Clayton.
Los Altos, Calif.	6XY	250, 300, 550 600	National Radio Co.
Los Angeles, Calif.	6XD	200, 300, 600 1600	Western Radio Electric Co.
Los Angeles, Calif.	6XQ	200, 300, 600 1600	Southern California Edison Co.
Los Angeles, Calif.	6ZG	200, 300, 375	Forbes W. Van Why.
Lynn, Mass.	1XL	200, 300, 375	General Electric Co.
Madison, Wis.	9XM	300, 600 Variable.	University of Wisconsin.
Manhattan, Kans.	9YV	200, 375	Kansas State Agricultural College.
Manitowoc, Wis.	9ZL	200, 375	W. C. Bridges and H. J. Burhop.
Manlius, N. Y.	8YB	200, 375, 1200	St. John's School.
Mesilla Park, N. Mex.	5ZJ	200, 375, 1200	R. W. Goddard.
Middletown, Conn.	1XN	200, 375	Walter G. Cady.
Minneapolis, Minn.	9ZT	200, 375	Minnesota Wireless Association.
Minneapolis, Minn.	9XI	200, 375	University of Minnesota.
Montclair, N. J.	2XS	200, 275, 325, 425	Adams Morgan Co.
Mulga, Ala.	5ZY	200, 375	Thomas D. Sewell.
Muncie, Ind.	9YR	200, 375	Muncie Technical High School.
New Haven, Conn.	1ZC	200, 375	A. C. Gilbert Co.
New Orleans, La.	5YC	200, 375	Nola Radio School.
New Orleans, La.	5ZP	200, 250	Herbert E. De Ben.
New Rochelle, N. Y.	2ZK	200, 350, 425	George C. Cannon.
New York, N. Y.	2XB	Variable.	Western Electric Co.
New York, N. Y.	2XG	300, 600	De Forest Radio Tel. & Telgh. Co.
New York, N. Y.	2XO	200, 300, 600, 800	Walter G. Hudson.
New York, N. Y.	2XZ	200, 300, 375, 600	Fordham University.
New York, N. Y.	2YB	200, 300, 375, 600	B. B. Brownlee.
New York, N. Y.	2YT	250, 300, 600	Marconi Institute.
Norfolk, Va.	3YD	200, 300, 375	Norfolk Radio School.
Norfolk, Va.	3ZC	200, 300, 375	City of Norfolk, Dept. of Public Safety.
Northville, Mich.	8XL	200, 300, 325, 600	Henry Ford.
Nutley, N. J.	2ZH	200, 300, 325, 600	Arthur A. Hebert.
Oakland, Calif.	6XC	200, 300, 375, 600	National Radio Co.
Oakland, Calif.	6XX	300, 600, va- riable.	St. Mary's College.
Oelwein, Iowa.	9ZQ	200, 375	George Raymond Hammond.
Omaha, Nebr.	9YP	200, 300, 375, 600	High School of Commerce.
Ossining, N. Y.	2XX	300, 600, va- riable.	De Forest Radio Tel. & Telgh. Co.
Palo Alto, Calif.	6XV	300, 600	Federal Telegraph Co.
Philadelphia, Pa.	3XI	200, 300, 375, 600	Lester R. Damon.
Philadelphia, Pa.	3YC	500, variable.	North East High School.
Pittsburgh, Pa.	8XH	200, 375, 425	Parker Elliot Wigggin.
Pittsburgh, Pa.	8XK	200, 300, 375, 600	Frank Conrad.
Pittsburgh, Pa.	8YZ	200, 375	Charles C. Dunning (Peabody High School).
Pittsburgh, Pa.	8ZO	200, 375	Frank Moore, jr.
Portland, Oreg.	7YG	200, 375	Y. M. C. A.
Portland, Oreg.	7ZI	200, 375	Charles L. Austin.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Providence, R. I.....	1XF	300, 600, variable.	Electrical Products Manufacturing Co.
Rochester, N. Y.....	8ZK	200, 375	Alexander Miller Lindsay, jr.
Rockville Center, L. I., N. Y.....	2ZL	200, 300, 325, 425	J. Owen Smith.
Roselle Park, N. J.....	2XR	300, 600, variable.	Radio Corp. of America.
Roswell, N. Mex.....	5ZA	200, 275	Louis Falconi.
Salt Lake City, Utah.....	6ZA	200, 300, 375	Ira Johnston Kaar.
San Diego, Calif.....	6XZ	200, 300, 375, 600, variable.	R. O. Shelton, M. D.
San Francisco, Calif.....	6XP	300, 600, variable.	Moorhead Laboratories (Inc.).
San Francisco, Calif.....	6XT	75, 200, 300,	Baruch Research Laboratories.
San Francisco, Calif.....	6ZE	375, 600	D. B. McGown.
San Francisco, Calif.....	6XJ	300, 600, variable.	Otis B. Moorhead.
San Francisco, Calif.....	6XO	.....	National Radio Co.
San Gabriel, Calif.....	6XS	.....	R. B. Ashbrook.
Savannah, Ga.....	4XB	.....	Board of Public Education.
Savannah, Ga.....	4YB	.....	Knights of Columbus.
Schenectady, N. Y.....	2XA	500, 800, 1000, variable.	E. M. Kinney.
Schenectady, N. Y.....	2XQ	300, 600, variable.	Union College.
Schenectady, N. Y.....	2XY	300, 600, variable.	Wallace L. Brooks.
Seattle, Wash.....	7XZ	300, 600, variable.	University of Washington.
Seattle, Wash.....	7XK	.....	Kilbourne & Clark Manufacturing Co.
Seattle, Wash.....	7YC	200, 300, 375, 600	Y. M. C. A.
Seattle, Wash.....	7YD	.....	Knights of Columbus.
Seattle, Wash.....	7YE	.....	City of Seattle School District.
Shreveport, La.....	5ZS	210, 300, 425	William E. Antony.
Sioux City, Iowa.....	9ZU	200, 375	Sioux City Radio Laboratory.
South Orange, N. J.....	2ZC	200, 300, 375	Henry L. Leeb.
Springfield, Ill.....	9ZS	200, 225, 300, 1700	Illinois Watch Co.
Springfield, Mass.....	1ZK	200, 375	Glen C. Sabin.
State College, N. Mex.....	5XD	.....	New Mexico College.
State College, Pa.....	8XE	200, 375, variable.	Pennsylvania State College.
Staunton, Va.....	3YE	.....	Staunton Military Academy.
St. Louis, Mo.....	9ZV	200, 375	James Albert Crowdus.
Toledo, Ohio.....	8ZI	200, 375	Adelbert Jacob Gogel.
University P. O., Miss.....	5YE	200, 375	University of Mississippi.
University Place, Nebr.....	9YD	200, 375	Nebraska Wesleyan University.
Urbana, Ill.....	9XJ	.....	University of Illinois.
Valparaiso, Ind.....	9XD	300, 600, variable.	Dodge's Institute of Telegraphy.
Valley City, N. Dak.....	9ZX	175, 200, 375	Russell H. Pray.
Vancouver, Wash.....	7ZB	.....	John D. Hertz.
Washington, D. C.....	3XH	.....	Lester Stewart Barr.
Washington, D. C.....	3XF	200, 375, variable.	Francis Meyer Baer.
Washington, D. C.....	3ZB	200, 375	A. B. Brown (Bliss Electrical High School).
Washington, D. C.....	3YA	200, 375	Loomis Radio School.
Wayne, Nebr.....	9YT	200, 375	State Normal School.
Wheeling, W. Va.....	8ZW	200, 375	John C. Stroebel, jr.
Wilkes-Barre, Pa.....	8ZS	200, 375	John H. Stenger, jr.
Woodmere, N. Y.....	2XH	200, 250, 300, 600	Cutting & Washington Radio Corp.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	First district:		Fifth district—Continued.
1XD	Green Harbor, Mass.	5ZS	Shreveport, La.
1XF	Providence, R. I.	5ZT	Houston, Tex.
1XJ	Cambridge, Mass.	5ZU	Austin, Tex.
1XL	Lynn, Mass.	5ZV	Houston, Tex.
1XM	Cambridge, Mass.	5ZW	Houston, Tex.
1XN	Middletown, Conn.	5ZX	Houston, Tex.
1YA	Kingston, R. I.	5ZY	Mulga, Ala.
1YB	Hanover, N. H.	5ZZ	Blackwell, Okla.
1YC	Boston, Mass.	6XC	Sixth district:
1ZC	New Haven, Conn.	6XD	Oakland, Calif.
1ZK	Springfield, Mass.	6XJ	Los Angeles, Calif.
	Second district:	6XO	San Francisco, Calif.
2XA	Schenectady, N. Y.	6XP	San Francisco, Calif.
2XB	New York, N. Y.	6XQ	San Francisco, Calif.
2XF	Cliffwood, N. J.	6XR	Los Angeles, Calif.
2XG	New York, N. Y.	6XS	Auberry, Calif.
2XH	Woodmere, N. Y.	6XT	San Gabriel, Calif.
2XJ	Elberon, N. J.	6XU	San Francisco, Calif.
2XO	New York, N. Y.	6XV	Fresno, Calif.
2XQ	Schenectady, N. Y.	6XX	Palo Alto, Calif.
2XR	Roselle Park, N. J.	6XY	Oakland, Calif.
2XS	Montclair, N. J.	6XZ	Los Altos, Calif.
2XT	Brooklyn, N. Y.	6ZA	San Diego, Calif.
2XV	Glenridge, N. J.	6ZC	Salt Lake City, Utah.
2XX	Ossining, N. Y.	6ZE	Cochise, Ariz.
2XY	Schenectady, N. Y.	6ZG	San Francisco, Calif.
2XZ	New York, N. Y.	7XB	Los Angeles, Calif.
2YA	Camp Dix, N. J.	7XX	Seventh district:
2YB	New York, N. Y.	7ZA	Bozeman, Mont.
2YT	New York, N. Y.	7ZC	Seattle, Wash.
2ZC	South Orange, N. J.	7ZD	Seattle, Wash.
2ZH	Nutley, N. J.	7YA	Boise, Idaho.
2ZK	New Rochelle, N. Y.	7YB	Eugene, Oreg.
2ZL	Rockville Center, N. Y.	7YC	Seattle, Wash.
2ZM	Clifton, N. J.	7YD	Seattle, Wash.
	Third district:	7YE	Seattle, Wash.
3XD	Baltimore, Md.	7YF	Burley, Idaho.
3XE	Clinton, Md.	7YG	Portland, Oreg.
3XF	Washington, D. C.	7YS	Lacey, Wash.
3XG	Baltimore, Md.	7ZB	Vancouver, Wash.
3XH	Washington, D. C.	7ZD	Bozeman, Mont.
3XI	Philadelphia, Pa.	7ZE	Elk, Wyo.
3YA	Washington, D. C.	7ZG	Bear Creek, Mont.
3YC	Philadelphia, Pa.	7ZI	Portland, Oreg.
3YD	Norfolk, Va.	8XA	Eighth district:
3YE	Staunton, Va.	8XB	Ann Arbor, Mich.
3ZA	Bala, Pa.	8XD	Cincinnati, Ohio.
3ZB	Washington, D. C.	8XE	Dearborn, Mich.
3ZC	Norfolk, Va.	8XF	State College, Pa.
	Fourth district:	8XH	Cleveland, Ohio.
4XB	Savannah, Ga.	8XI	Pittsburgh, Pa.
4YB	Savannah, Ga.	8XJ	Columbus, Ohio.
	Fifth district:	8XK	Lewisburg, Pa.
5XA	Auburn, Ala.	8XL	Pittsburgh, Pa.
5XB	College Station, Tex.	8XU	Northville, Mich.
5XD	State College, N. Mex.	8YA	Ithaca, N. Y.
5XE	Burnwood, La.	8YB	Auburn, N. Y.
5YB	Jackson, Tenn.	8YZ	Manlius, N. Y.
5YC	New Orleans, La.	8ZC	Pittsburgh, Pa.
5YD	Agricultural College, Miss.	8ZI	Battle Creek, Mich.
5YE	University P. O., Miss.	8ZJ	Toledo, Ohio.
5YF	College Station, Tex.	8ZK	Cincinnati, Ohio.
5YH	Little Rock, Ark.	8ZM	Rochester, N. Y.
5YI	Houston, Tex.	8ZN	Buffalo, N. Y.
5ZA	Roswell, N. Mex.	8ZO	Detroit, Mich.
5ZJ	Mesilla Park, N. Mex.	8ZS	Pittsburgh, Pa.
5ZK	Franklin, La.	8ZV	Wilkes-Barre, Pa.
5ZL	Little Rock, Ark.	8ZW	Canton, Ohio.
5ZN	Eagle Pass, Tex.	8ZX	Wheeling, W. Va.
5ZO	Houston, Tex.	8ZY	Dover, Ohio.
5ZP	New Orleans, La.		Defiance, Ohio.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
9XD	Ninth district: Valparaiso, Ind.	9ZC	Ninth district—Continued. Baudette, Minn.
9XI	Minneapolis, Minn.	9ZD	Denver, Colo.
9XJ	Urbana, Ill.	9ZH	Independence, Mo.
9XM	Madison, Wis.	9ZJ	Indianapolis, Ind.
9YB	Lafayette, Ind.	9ZL	Manitowoc, Wis.
9YC	Lexington, Ky.	9ZN	Chicago, Ill.
9YD	University Place, Nebr.	9ZQ	Oelwein, Iowa.
9YG	Agricultural College, N. Dak.	9ZS	Springfield, Ill.
9YN	Lawrence, Kans.	9ZT	Minneapolis, Minn.
9YP	Omaha, Nebr.	9ZU	Sioux City, Iowa.
9YR	Muncie, Ind.	9ZV	St. Louis, Mo.
9YS	Bloomington, Ill.	9ZX	Valley City, N. Dak.
9YT	Wayne, Nebr.	9ZY	La Crosse, Wis.
9YV	Manhattan, Kans.	9ZZ	Kansas City, Mo.
9YY	Lincoln, Nebr.		

6803°—20—7

RADIO COMPASS STATION INSTRUCTIONS.

Radic compass stations have been installed on the Atlantic coast for the purpose of supplying vessels with bearings and positions. These stations are divided into two classes—those operating independently, and others, called harbor-entrance stations, operated under the control of a central control station at harbor entrances in order to guide vessels to the entrance buoys. The independent stations have been located with a view to giving good cross bearings to ships which are not over 150 miles distant from the coast, while the harbor-entrance stations have been located with a view to furnishing vessels with positions when they are within 50 miles of the entrance to the outer channel.

Harbor-entrance radio compass stations differ from those acting independently in that they are connected to and controlled by a central control station.

1. There follows a list of harbor-entrance radio compass stations:

Harbor entrance.	Compass-control station.	Radio call.
Boston, Mass.	Boston	NAD
New York, N. Y.	New York	NAH
Delaware Capes	Cape May	NSD
Chesapeake Capes	Virginia Beach	NCZ

The following radio compass stations take bearings for Boston:

Place.	Position.	
	Latitude.	Longitude.
Gloucester, Mass.	° ' "	° ' "
	42 35 19 N	70 41 08 W
Deer Island, Mass.	42 21 15 N	70 57 30 W
Fourth Cliff, Mass.	42 09 40 N	70 42 22 W

The following radio compass stations take bearings for New York:

Place.	Position.	
	Latitude.	Longitude.
Fire Island, N. Y.	° ' "	° ' "
	40 38 07 N	73 12 32 W
Rockaway Beach, Long Island	40 33 52 N	73 52 40 W
Sandy Hook, N. J.	40 28 12 N	74 01 06 W
Mantoloking, N. J.	40 01 30 N	74 03 10 W
Montauk, Long Island	41 03 09 N	71 57 27 W

The following radio compass stations take bearings for Cape May:

Place.	Position.	
	Latitude.	Longitude.
Cape May, N. J.	38 56	41 N 74 53 10 W
Cape Henlopen, Del.	38 47	26 N 75 05 16 W
Bethany Beach, Del.	38 32	45 N 75 03 20 W

The following radio compass stations take bearings for Virginia Beach:

Place.	Position.	
	Latitude.	Longitude.
Hog Island, Va.	37 22	36 N 75 42 37 W
Smith Island, Va.	37 07	08 N 75 53 42 W
Cape Henry, Va.	36 55	16 N 75 59 51 W

2. To obtain a bearing from independent radio compass stations, call the station from which the bearing is desired in the usual manner and request bearings by means of a conventional signal given below. Simultaneous bearings from two or more compass stations can be obtained by making the call include the other compass stations desired.

3. To obtain bearings from harbor-entrance compass stations carry out the same procedure with the exception that the compass-control station should be called instead of the compass station.

4. When bearings are requested simultaneously from two or more compass stations the compass station which is farthest north will supply the ship with its bearing first; the others will then follow in the order of their north to south, or east to west, geographical location.

5. The following abbreviated signals will be used until further notice:

Signal.	Meaning.
QTE?	What is my true bearing?
QTE	Your true bearing is —— degrees from —— radio compass station.
QTF?	What is my position?
QTF	Your position is latitude ——, longitude ——.

6. The radio compass station (or compass-control station for harbor-entrance compass stations) will answer requests for bearings and positions in the customary manner of answering calls and follow their call letters with "K" if they desire to take a bearing at that time, "QRX" if they desire the vessel to stand by, or other abbreviated signal authorized by International Regulations.

7. On being told to "K" vessels desiring bearings or positions will transmit their radio call letters for 30 seconds and then make dashes 5 seconds long for 1 minute, making their call letters 3 times after each 5-second dash and terminating with the conventional signal "K" (go ahead).

8. At the expiration of the direction-determining signals the radio compass station (or compass-control station) will call the vessel, make "QTE," and send the bearing

in degrees (0 to 359) and the name of the compass station which obtained the bearing, or "QTF" and the position in latitude and longitude. Bearings and positions will always be transmitted to the vessel in words to avoid error.

9. Vessels acknowledge receipt of bearings and positions by making the call letters of the station transmitting the bearing or position once, "DE," vessel's radio call letters, and then repeats the bearing or position received, using numerals.

10. Independent radio compass stations keep watch on 600 meters, and this wave length should always be used to call these stations; but, as soon as they answer, naval vessels will shift to tune "M" (952 meters), all transmission from the vessel being carried out thereafter on this wave length.

11. The control stations for harbor-entrance radio compass stations keep watch on 600 and 952 meters. Naval vessels will call these stations on 952 meters and carry out all tests and communication with them hereafter on 952 meters.

12. Merchant vessels will call all radio compass and compass-control stations on 600 meters and carry out all tests and communication with them thereafter on this wave length.

13. Commanders of vessels should note that shore radio compass stations can not distinguish between the bearing of a ship and its reciprocal unless the reciprocal bears inland. There is, therefore, a possibility of an error of 180 degrees. In such cases the decision is left to the commander of the ship as to which is the correct bearing.

14. Subject to the foregoing, bearings should be accurate within 2 degrees of arc. When bearings from three or more compass stations are not over 2 degrees of an arc in error, but do not meet at a fixed point, the center of an area inclosed by the bearings can generally be taken as the approximate position of the vessel.

15. There follows a complete list of naval shore radio compass stations.

RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY NAMES OF STATIONS.

ATLANTIC COAST.

Station.	Call.	Wave lengths.	Position.
Amagansett, L. I.	NAH	800	Lat. 41-03-39 N, long. 71-57-27 W.
Appledore Island, Me.	NTW	800	Lat. 42-59-12 N, long. 70-36-42 W.
Bar Harbor, Me.	NBD	800	Lat. 44-18-36 N, long. 68-11-27 W.
Bethany Beach, Del.	NSD	800	Lat. 38-32-45 N, long. 75-03-21 W.
Burrwood, La.	NBX	800	Lat. 29-11-24 N, long. 89-02-26 W.
Cape Cod, Mass.	NAE	800	Lat. 42-02-58 N, long. 70-04-32 W.
Cape Hatteras, N. C.	NDW	800	Lat. 35-14-22 N, long. 75-31-42 W.
Cape Henlopen, Del.	NSD	800	
Cape Henry, Va.	NCZ	800	Lat. 36-55-16 N, long. 75-59-51 W.
Cape Lookout, N. C.	NAN	800	Lat. 34-36-13 N, long. 76-32-15 W.
Cape May, N. J.	NSD	800	Lat. 38-56-41 N, long. 74-53-10 W.
Chatham, Mass.	NXA	800	Lat. 41-42-48 N, long. 69-57-53 W.
Damiscove Island, Me.	NFQ	800	Lat. 43-45-17 N, long. 69-36-47 W.
Deer Island, Mass.	NAD	800	Lat. 42-21-15 N, long. 70-57-30 W.
Fire Island, N. Y.	NAH	800	Lat. 40-38-07 N, long. 73-12-32 W.
Fourth Cliff, Mass.	NAD	800	Lat. 42-09-44 N, long. 70-42-22 W.
Gloucester, Mass.	NAD	800	Lat. 42-35-19 N, long. 70-41-08 W.
Grand Island, La.	NLI	800	Lat. 29-13-52 N, long. 89-59-46 W.
Hog Island, Va.	NCZ	800	Lat. 37-22-36 N, long. 75-42-37 W.
Jupiter Inlet, Fla.	NAQ	800	
Mantoloking, N. J.	NAH	800	Lat. 40-01-30 N, long. 74-03-10 W.
Morris Island, S. C.	NAO	800	Lat. 32-41-36 N, long. 79-53-17 W.
North Island, S. C.	NZW	800	Lat. 33-13-21 N, long. 79-11-06 W.
Pass a Loutre, La.	NBX	800	Lat. 29-11-24 N, long. 89-02-26 W.
Poyners Hill, N. C.	NCZ	800	
Prices Neck, R. I.	NAF	800	Lat. 41-27-06 N, long. 71-20-15 W.
Rockaway Beach, N. Y.	NAH	800	Lat. 40-33-52 N, long. 73-52-40 W.
Sandy Hook, N. J.	NAH	800	Lat. 40-28-12 N, long. 74-01-06 W.
Surfside Nantucket, Mass.	NBS	800	Lat. 41-14-42 N, long. 70-05-56 W.
Watch Hill, R. I.	NAF	800	Lat. 41-18-21 N, long. 71-51-29 W.

PACIFIC COAST.

Avalon, Santa Cat., Calif.	NZL	800	Lat. 33-20-38 N, long. 118-19-02 W.
Bird Island, Calif.	NED	800	Lat. 37-49-24 N, long. 122-32-14 W.
Cattle Point, Wash.	NFN	800	Lat. 48-27-02 N, long. 122-57-42 W.
Empire, Oreg.	NPF	800	
Eureka, Calif.	NPW	800	Lat. 40-41-45 N, long. 124-16-40 W.
Farallon Island, Calif.	NPI	800	Lat. 37-42-00 N, long. 123-00-00 W.
Fort Stevens, Wash.	NPE	800	Lat. 49-11-30 N, long. 123-59-10 W.
Imperial Beach, Calif.	NPL	800	Lat. 32-37-10 N, long. 117-08-10 W.
New Dungeness, Wash.	NFT	800	Lat. 48-10-12 N, long. 123-07-57 W.
Ocean Park, Wash.	NPE	800	Lat. 46-27-45 N, long. 124-03-30 W.
Point Arguello, Calif.	NPK	800	
Point Fermin, Calif.	NPX	800	Lat. 33-42-22 N, long. 118-17-40 W.
Point Hueneme, Calif.	NMD	800	Lat. 34-08-47 N, long. 119-12-33 W.
Point Loma, Calif.	NPL	800	Lat. 32-40-10 N, long. 117-14-45 W.
Point Montara, Calif.	NLH	800	Lat. 37-32-12 N, long. 122-31-14 W.
Point Reyes, Calif.	NLG	800	Lat. 38-02-31 N, long. 122-50-30 W.
Port Angeles, Wash.	NFT	800	
Slip Point, Wash.	NPD	800	
Smith Island, Wash.	NFH	800	
Tatoosh, Wash.	NPD	800	Lat. 48-23-39 N, long. 124-44-10 W.
West Port, Wash.	NHL	800	

RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY CALL SIGNALS.

ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAD	Gloucester, Mass.	NBS	Surfside Nantucket, Mass.
NAD	Fourth Cliff, Mass.	NBX	Pass a Loutre, La.
NAD	Deer Island, Mass.	NBX	Burrwood, La.
NAE	Cape Cod, Mass.	NCZ	Cape Henry, Va.
NAF	Prices Neck, R. I.	NCZ	Poynters Hill, N. C.
NAF	Watch Hill, R. I.	NCZ	Hog Island, Va.
NAH	Rockaway Beach, N. Y.	NDW	Cape Hatteras, N. C.
NAH	Sandy Hook, N. J.	NFQ	Damiscove Island, Me.
NAH	Amagansett, L. I., N. Y.	NLI	Grand Island, La.
NAH	Fire Island, N. Y.	NSD	Cape Henlopen, Del.
NAH	Mantoloking, N. J.	NSD	Bethany Beach, Del.
NAN	Cape Lookout, N. C.	NSD	Cape May, N. J.
NAO	Morris Island, S. C.	NTW	Appledore Island, Me.
NAQ	Jupiter Inlet, Fla.	NXA	Chatham, Mass.
NBD	Bar Harbor, Me.	NZW	North Island, S. C.

PACIFIC COAST.

NFH	Smith Island, Wash.	NPE	Ocean Park, Wash.
NFN	Cattle Point, Wash.	NPE	Fort Stevens, Wash.
NFT	New Dungeness, Wash.	NPF	Empire, Oreg.
NFT	Port Angeles, Wash.	NPI	Farallon Island, Calif.
NHL	West Port, Wash.	NPK	Point Arguello, Calif.
NLD	Bird Island, Calif.	NPL	Imperial Beach, Calif.
NLG	Point Reyes, Calif.	NPL	Point Loma, Calif.
NLH	Point Montara, Calif.	NPX	Point Fermin, Calif.
NMD	Point Hueneme, Calif.	NPW	Eureka, Calif.
NPD	Slip Point, Wash.	NZL	Avalon, Santa Cat., Calif.
NPD	Tatoosh, Wash.		

A P P E N D I X.

TRANSMISSION OF HYDROGRAPHIC INFORMATION, WEATHER REPORTS, AND TIME SIGNALS BY NAVAL RADIO STATIONS.

HYDROGRAPHIC INFORMATION.

Information concerning wrecks, derelicts, ice, and other dangerous obstructions to navigation whenever received from the Hydrographic Office or from a branch hydrographic office or other reliable source is sent broadcast four times daily, viz., at 8 a. m., noon, 4 p. m., and 8 p. m., local (standard) time of station. Ships within range of a naval radio station should be prepared to receive these hydrographic messages at the hours mentioned and should avoid sending radio messages at these times. One vessel sending may prevent several others receiving information necessary to their safety.

Naval radio stations will furnish this information to passing vessels on request, whenever practicable, at other hours than those mentioned above. Should it not be practicable to send out this information on one of the hours scheduled it will be held until the next scheduled time and sent out as soon as practicable after each hour scheduled.

Each day at noon and 10 p. m., seventy-fifth meridian, immediately following the time signal, the Naval Radio Station at Washington, D. C., will broadcast such information relating to safe navigation as may be furnished it by the Hydrographic Office during the preceding 24 hours. The same wave length, 2,500 meters, used in the time signal will be employed.

TRANSMISSION OF WEATHER REPORTS BY NAVAL RADIO STATIONS.

Through cooperation with local offices of the United States Weather Bureau, weather forecasts are sent broadcast to sea through naval coast radio stations at certain times, varying with the locality, as described below. Coast stations are generally prepared to give local forecasts to passing vessels without charge, on request.

ATLANTIC COAST.

Sent by Washington (NAA) on 2,500 meters wave length and Key West (NAR) on 1,500 meters wave length immediately following 10 p. m. time and hydrographic information (seventy-fifth meridian time).

The coast line is divided as follows:

North Atlantic, Halifax to New York; middle Atlantic, New York to Hatteras; south Atlantic, Hatteras to Key West; east Gulf, Key West to mouth of Mississippi; west Gulf, mouth of Mississippi to mouth of Rio Grande.

This bulletin consists of two parts, the first part containing code letters and figures expressing the actual weather conditions at 8 p. m., seventy-fifth meridian time, on the day of distribution at certain points along the eastern coast of North America, one point along the coast of the Gulf of Mexico, and one at Bermuda. The second

part contains a special forecast of the probable winds to be experienced a hundred miles or so offshore. The second part of the bulletin also contains certain warnings of severe storms along the coast whenever occasion arises.

The points for which weather conditions are furnished by the above bulletin are designated, respectively, by their initial letter, except in the case of Nantucket, for which the letter T is used; accordingly, S=Sydney, T=Nantucket, DB=Delaware Breakwater, H=Hatteras, C=Charleston, K=Key West, P=Pensacola, and B=Bermuda.

GREAT LAKES.

Sent by Great Lakes (NAJ) on 1,512 meters and Washington (NAA) on 2,500 meters immediately following 10 p. m. time and hydrographic information (ninetieth meridian time).

This bulletin is sent in a similar manner to the one sent out for the Atlantic coast, except the first part expresses the actual weather conditions at 7 p. m., ninetieth meridian time, on the day of distribution at certain points on the Great Lakes. These points are designated as follows: Du=Duluth, M=Marquette, U=Sault Sainte Marie, G=Green Bay, Ch=Chicago, L=Alpena, D=Detroit, V=Cleveland, and F=Buffalo.

This grouping begins on Lake Superior and ends on Lake Erie.

The second part contains a special forecast of the probable winds to be experienced on the Lakes.

Lakes Superior, Michigan, and Huron are considered the upper lakes, and Lakes Erie and Ontario the lower lakes.

All bulletins begin with the letters U. S. W. B. (United States Weather Bureau) and the weather conditions follow. The first three figures of a report represent the barometric pressure in inches (002=30.02); the next figure, the fourth in sequence, represents the direction of the wind to the eight points of the compass: 1=north, 2=northeast, 3=east, 4=southeast, 5=south, 6=southwest, 7=west, 8=northwest, and 0=calm. The fifth figure represents the force of the wind on the Beaufort scale following:

Beaufort scale of wind force.

Number and designation.	Statute miles per hour.	Nautical miles per hour.
0 Calm.....	0 to 3	0 to 2.6
1 Light air.....	8	6.9
2 Light breeze.....	13	11.3
3 Gentle breeze.....	18	15.6
4 Moderate breeze.....	23	20.0
5 Fresh breeze.....	28	24.3
6 Strong breeze.....	34	29.5
7 Moderate gale.....	40	34.7
8 Fresh gale.....	48	41.6
9 Strong gale.....	56	48.6
10 Whole gale.....	65	56.4
11 Storm.....	75	65.1
12 Hurricane.....	90 and over.	78.1 and over.

In order to simplify the code, no provision has been made for wind force greater than 9, strong gale, on the Beaufort scale. Whenever winds of force greater than 9 occur the number representing them is given in words instead of figures, thus: Ten, eleven, etc.

EXAMPLES OF CODE.

U S W B S 96465 T 91674 DB 94686 H 99886 C 01214 K 02622 P 03613
B 00065.

Translation.

United States Weather Bureau.

Station.	Pressure.	Wind.	
		Direction.	Force. ¹
Sydney.....	29.64	SW	5
Nantucket.....	29.16	W	4
Delaware Breakwater.....	29.46	NW	6
Hatteras.....	29.98	NW	6
Charleston.....	30.12	N	4
Key West.....	30.26	NE	2
Pensacola.....	30.36	N	3
Bermuda.....	30.00	SW	5

¹ See Beaufort scale.

U S W B Du 95826 M 97635 U 00443 G 96046 Ch 95667 L 00644 D 00842
V 01054 F 01656

Translation.

United States Weather Bureau.

Station.	Pressure.	Wind.	
		Direction.	Force. ¹
Duluth.....	29.58	NE	6
Marquette.....	29.76	E	5
Sault Ste. Marie.....	30.04	SE	3
Green Bay.....	29.60	SE	6
Chicago.....	29.56	SW	7
Alpena.....	30.06	SE	4
Detroit.....	30.08	SE	2
Cleveland.....	30.10	S	4
Buffalo.....	30.16	S	6

¹ See Beaufort scale.

PACIFIC COAST.

Weather bulletins are obtained from the Weather Bureau, San Francisco, by the San Francisco Naval Radio Station at about 8.30 a. m. and 6 p. m. and forwarded by radio to North Head and San Diego as soon as practicable. Same is broadcasted by San Francisco, North Head, and San Diego at noon and 10 p. m. on 952 meters immediately after transmission of time signals. Hydrographic information and storm warnings are broadcasted immediately upon receipt by Tatoosh, Puget Sound, North Head, Marshfield, San Francisco, and Point Arguello on 600 and 952 meters in succession, and also after broadcasting local weather report. Local weather reports broadcasted by Tatoosh, North Head, San Francisco, and San Diego at 8 a. m. and 4 p. m. on 600 meters and at noon and 10 p. m. 952 meters; and at noon and 10 p. m. by Puget Sound, Marshfield, and Point Arguello on 600 meters. Total weather report from Farallones Islands is forwarded to San Francisco for Marine Exchange at 8 a. m., noon, and 5 p. m.

The daily bulletin broadcasted by San Francisco, North Head, and San Diego will consist of two parts. The first part will contain code words and figures which will express the actual weather conditions at 5 p. m. (one hundred and twentieth meridian

time) on the day of distribution at certain points along the western coast of the United States. The second part of the bulletin will contain a special forecast of the probable winds to be experienced a hundred miles or so offshore, made by the United State Weather Bureau, San Francisco, for distribution to shipmasters by naval radio as above. The second part of the bulletin will also contain warnings of severe storms along the coast as occasion may arise.

The points on the Pacific coast from which weather conditions will be furnished will be designated, respectively, by their initial letter:

T=Tatoosh.
NH=North Head.
E=Eureka.
SF=San Francisco.
SD=San Diego.

The bulletin will begin with the letters "U S W B S F," signifying United States Weather Bureau, San Francisco, and the weather conditions will follow. The first three figures of a report will represent the barometric pressure in inches (964=29.64); the next figure, the fourth in sequence, will represent the direction of the wind to eight points of the compass:

1=North.
2=Northeast.
3=East.
4=Southeast.
5=South.
6=Southwest.
7=West.
8=Northwest.
0=Calm.

The fifth figure will represent the force of the wind on the Beaufort scale.

If the weather conditions for any station can not be supplied, the initial of the station will be given, followed by the word "Missing"; and if any portion of a report can not be furnished, such portion will be replaced by an equivalent number of letters, **X**.

The coast line of the western part of the United States will be divided as follows:

Northern Pacific, Tatoosh to Cape Blanco.
Central Pacific, Cape Blanco to Point Arguello.
Southern Pacific, Point Arguello to San Diego.

The forecast and warning will be in ordinary language, and will cover a period of 24 hours from 5 p. m., date of issue. At the end of the forecast a statement will be made in regard to the location and movement of any barometric depression that may be likely to affect the winds over the ocean.

Example of forecast and warnings:

Northern Pacific missing Central Pacific Wednesday rain heavy southeast winds
Southern Pacific moderate southerly winds period Southeast storm warnings displayed Pointarguello to Capeblanco.

HAWAII.

Weather bulletins obtained from the United States Weather Bureau at Honolulu are broadcasted daily by the Pearl Harbor Radio Station at 8 a. m., noon, 4 p. m., and 8 p. m., local time.

TUTUILA, SAMOA.

Local weather bulletins preceded by the letter "T" are broadcasted by the Tutuila Naval Radio Station at 8 a. m., noon, 4 p. m., and 8 p. m., local time.

TRANSMISSION OF TIME SIGNALS BY NAVAL RADIO STATIONS.

The transmission of time signals to vessels at sea by means of radiotelegraphy was first accomplished in the United States in 1905, and this service, enlarged and extended, has continued to the present time. This service is of the greatest value to mariners, as it furnishes a means by which the time, as given by the transmitted signals, may be compared with a ship's chronometer and the error of the chronometer found. Similar comparisons over a number of days enable data to be obtained by which not only the error may be found but also the chronometer rate; that is, the rate at which it is gaining or losing.

The noontime signals on the Atlantic coast are sent out through the coast radio stations by connection with Western Union telegraph lines from the United States Naval Observatory at Washington, D. C. By the operation of proper relays in electrical circuits, the beats of the seconds of a standard clock in the observatory are sent out broadcast as a series of radio dots, commencing five minutes before the time of the final signal. By omitting certain dots in a series, the comparison between the dots and the beats of the chronometer seconds can be checked until the instant of local noon (seventy-fifth meridian time) is reached. This is marked by a longer dot, which gives the time of exact noon. A comparison with the chronometer time at that instant gives its error referred to the seventy-fifth meridian time. Applying the difference in longitude, namely, five hours, between the seventy-fifth meridian and Greenwich, which is the standard meridian (or 0° longitude), the error of the chronometer referred to Greenwich time is determined.

According to information received from the Director of Naval Communications, time signals are being transmitted by the United States Naval Radio Stations as follows:

Station.	Call letters.	Wave length.	When sent.
Washington.....	NAA	Meters. 1 2,500	Daily at 11.55 a. m. to noon, and 9.55 to 10 p. m., standard time, seventy-fifth meridian.
Annapolis.....	NSS	* 17,000	Daily at 11.55 a. m. to noon, and 9.55 to 10 p. m., standard time, seventy-fifth meridian.
Key West.....	NAR	1 1,500	Daily at 11.55 a. m. to noon, standard time, seventy-fifth meridian.
New Orleans.....	NAT	1 1,000	Daily at 11.55 a. m. to noon, standard time, seventy-fifth meridian.
Balboa, Panama.....	NBA	* 7,000	Daily at 4.55 to 1 p. m., and 12.55 to 1 p. m., standard time, seventy-fifth meridian.
Colon, Panama.....	NAX	1 1,500	Daily at 4.55 to 5 a. m., and 12.55 to 1 p. m., standard time, seventy-fifth meridian.
• Cavite, P. I.....	NPO	1 952 * 5,000	Daily at 10.55 to 11 a. m., and 9.55 to 10 p. m., standard time, one hundred and twentieth meridian, east.
North Head, Wash.....	NPE	1 2,800	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Eureka, Calif.....	NPW	1 2,000	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Point Arguello, Calif.....	NPK	1 1,512	Daily except Sundays and holidays at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
San Diego, Calif.....	NPL	* 9,800 1 2,400	Daily except Sundays and holidays at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
San Francisco, Calif.....	NPH	* 4,800 1 2,400	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Great Lakes, Ill.....	NAJ	1 1,512	Daily except Sundays and holidays at 10.55 a. m. to 11 a. m., standard time, ninetieth meridian.
Pearl Harbor, Hawaii.....	NPM	* 11,200 1 600	Daily at one hundred and eightieth meridian, mean noon.

¹ Spark.

² Arc.

INTERNATIONAL MORSE CODE AND CONVENTIONAL SIGNALS.

[To be used for all general public-service radio communication. (1) A dash is equal to three dots; (2) the space between parts of the same letter is equal to one dot; (3) the space between two letters is equal to three dots; (4) the space between two words is equal to five dots.]

A	—	Period.....	• • •
B	— · ·	Semicolon.....	— · — · ·
C	— · — ·	Comma.....	— · — · —
D	— · ·	Colon.....	— — · ·
E	·	Interrogation.....	— — — ·
F	· · — ·	Exclamation point.....	— — · — —
G	— · —	Apostrophe.....	— — — — ·
H	· · ·	Hyphen.....	— — · — —
I	· ·	Bar indicating fraction.....	— · — · —
J	· — — —	Parenthesis.....	— — — — ·
K	— — —	Inverted commas.....	— — · — —
L	— · · ·	Underline.....	— · — — —
M	— —	Double dash.....	— — — — —
N	— ·	Distress call.....	— · — — — —
O	— — —	Attention call to precede every transmission.....	— — — — —
P	· — — ·	General inquiry call.....	— — — — — —
Q	— — — —		
R	— · ·	From (de).....	— · ·
S	· · ·	Invitation to transmit (go ahead).....	— — —
T	—	Warning—high power.....	— — — — —
U	· · —	Question (please repeat after .....)—interrupting long messages.....	— · — — —
V	· · — —	Wait.....	— · — — —
W	· — —	Break (Bk.) (double dash).....	— — — — —
X	— — —	Understand.....	— · — — —
Y	— — — —		
Z	— — · ·		
Ä (German)	— · · —	Error.....	• • • • •
Å or Å (Spanish-Scandinavian)	— · — —	Received (O. K.).....	— — —
CH (German-Spanish)	— — — —	Position report (to precede all position messages).....	— — — — —
É (French)	— · · —	End of each message (cross).....	— — — — —
Ñ (Spanish)	— — — —	Transmission finished (end of work) (conclusion of correspondence).....	— — — — —
Ö (German)	— — — —		
Ü (German)	— — — —		
1	— — — —		
2	— · — — —		
3	— · — — —		
4	— — — —		
5	— — — —		
6	— — — —		
7	— — — — —		
8	— — — — —		
9	— — — — —		
0	— — — — —		

LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS.¹

Abbreviation.	Question.	Answer or notice.
C Q	— · · · — — —	Signal of inquiry made by a station desiring to communicate.
T R	— · — ·	Signal announcing the sending of particulars concerning a station on shipboard (Art. XXII).
(I)	— — · — —	Signal indicating that a station is about to send at high power.
PRB	Do you wish to communicate by means of the International Signal Code?	I wish to communicate by means of the International Signal Code.
QRA	What ship or coast station is that?	This is
QRB	What is your distance?	My distance is
QRC	What is your true bearing?	My true bearing is degrees.
QRD	Where are you bound for?	I am bound for
QRF	Where are you bound from?	I am bound from
QRG	What line do you belong to?	I belong to the Line.
QRH	What is your wave length in meters?	My wave length is meters.
QRJ	How many words have you to send?	I have words to send.
QRK	How do you receive me?	I am receiving well.
QRL	Are you receiving badly? Shall I send 20..... · · · · · for adjustment?	I am receiving badly. Please send 20. · · · · · for adjustment.
QRM	Are you being interfered with?	I am being interfered with.
QRN	Are the atmospherics strong?	Atmospherics are very strong.
QRO	Shall I increase power?	Increase power.
QRP	Shall I decrease power?	Decrease power.
QRQ	Shall I send faster?	Send faster.
QRS	Shall I send slower?	Send slower.
QRT	Shall I stop sending?	Stop sending.
QRU	Have you anything for me?	I have nothing for you.
QRV	Are you ready?	I am ready. All right now.
QRW	Are you busy?	I am busy (or, I am busy with Please do not interfere).
QRX	Shall I stand by?	Stand by. I will call you when required.
QRY	When will be my turn?	Your turn will be No.
QRZ	Are my signals weak?	Your signals are weak.
QSA	Are my signals strong?	Your signals are strong.
QSB	Is my tone bad?	The tone is bad.
QSC	Is my spark bad?	The spark is bad.
QSD	Is my spacing bad?	Your spacing is bad.
QSF	What is your time?	My time is
QSG	Is transmission to be in alternate order or in series?	Transmission will be in alternate order.
QSH	.....	Transmission will be in series of 5 messages.
QSJ	What rate shall I collect for?	Transmission will be in series of 10 messages.
QSK	Is the last radiogram canceled?	Collect
QSL	Did you get my receipt?	The last radiogram is canceled.
		Please acknowledge.

¹ When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that abbreviation.

110 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS—Continued.

Abbreviation.	Question.	Answer or notice.
QSM	What is your true course?	My true course is degrees.
QSN	Are you in communication with land?	I am not in communication with land.
QSO	Are you in communication with any ship or station (or: with)?	I am in communication with (through).
QSP	Shall I inform that you are calling him?	Inform that I am calling him.
QSQ	Is calling me?	You are being called by
QSR	Will you forward the radiogram?	I will forward the radiogram.
QST	Have you received the general call?	General call to all stations.
QSU	Please call me when you have finished (or: at .. o'clock).	Will call when I have finished.
QSV ¹	Is public correspondence being handled?	Public correspondence is being handled. Please do not interfere.
QSW	Shall I increase my spark frequency?	Increase your spark frequency.
QSX	Shall I decrease my spark frequency?	Decrease your spark frequency.
QSY	Shall I send on a wave length of meters?	Let us change to the wave length of meters.
QSZ	.....	Send each word twice. I have difficulty in receiving you.
QTA	.....	Repeat the last radiogram.
QTE	What is my true bearing?	Your true bearing is degrees from
QTF	What is my position?	Your position is latitude longitude.

¹ Public correspondence is any radio work, official or private, handled on commercial wave lengths.



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